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ABSTRACT

Based on follow-up studies of the 1975, 1976, 1977, and 1978 graduates of Manitoba's community colleges, this handbook outlines the employment experiences of graduates from 88 programs of study offered by the colleges' health and personal services, business and administrative studies, applied arts, industrial and technology, and teacher education divisions. After introductory material delineating limitations in the use of the handbook as an informational resource for career planning, a summary is presented of findings of the 1979 follow-up study. These findings, based on responses from 61% of the 3,095 students who graduated from one of Manitoba's three community colleges in 1978, include the following: (1) 88.3% were employed one year following their graduation; (2) 82.5% of the employed graduates had jobs related to their field of study; (3) 88.7% of the employed graduates found work in Manitoba; and (4) the average weekly salary of graduates was $219.57. The bulk of the handbook draws upon the cumulative follow-up data to profile the employment experiences of students according to their program of study. For each of the 88 programs, the handbook provides a description of the duties of the jobs for which the program provides training; graduate employment rates; the locations of graduate employment; average starting salaries of 1978 graduates; possible organizations where graduates can seek employment; and the job titles held by employed graduates. (JP)

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ED212302

HANDBOOK ON
LABOUR MARKET EXPERIENCES
OF
COMMUNITY COLLEGE GRADUATES

HONOURABLE KEN MACMASTER, MINISTER
LOUIS PLANTJE, DEPUTY MINISTER

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OCTOBER, 1980

TABLE OF CONTENTS

	Page
INTRODUCTION	i
TECHNICAL FORWARD	ii
OVERVIEW OF 1979 SURVEY FINDINGS	v
I. HEALTH CARE AND PERSONAL SERVICES DIVISION	
A. Nursing	
i) Diploma Nursing	2
ii) Diploma Nursing - Completer Psychiatric	4
iii) Diploma Nursing - Completer Maternity	6
iv) Diploma Nursing - Refresher	8
v) Practical Nursing	10
vi) Practical Nursing - Refresher	12
B. Dental	
i) Dental Assisting - Chairside	14
ii) Dental Assisting - Expanded Duty	16
C. Lab and Radiology	
i) Medical Laboratory Technology	18
ii) Medical Radiological Diagnostic Technology	20
iii) Nuclear Medicine Technology	22
D. Personal Services	
i) Child Care Services	24
ii) Health Care Aide/Home Helper	26
iii) Social Services	28
II. BUSINESS AND ADMINISTRATIVE STUDIES PROGRAM	
A. Secretarial	
i) Business Skills	31
ii) Clerk Typist	33
iii) Medical Records Technician	37
iv) Secretarial Science	39
v) Stenography	41

		Page
B.	Bookkeeping/Accounting	
	i) Clerical Bookkeeping and Office Machines	44
	ii) Business Accountancy	47
C.	Administration	
	i) Business Administration	2
	ii) Hotel and Restaurant Administration	7
	iii) Computer Analyst/Programmer	59
D.	Sales	
	i) Commercial and Industrial Sales	1
III.	APPLIED ARTS DIVISION	
A.	Cosmetics/Hairstylists	
	i) Barbering	4
	ii) Cosmetology/Hairdressing	6
B.	Food Services	
	i) Chef Training	8
	ii) Commercial Cooking	70
	iii) Commercial Baking	2
	iv) Meat Cutting	4
C.	Applied Arts/Sciences	
	i) Creative Communications	6
	ii) Advertising Art	79
	iii) Graphic Arts	1
	iv) Photographic Technician	3
	v) Library Technician	5
	vi) Watch Repair	7
	vii) Commercial Art	89
IV.	INDUSTRIAL AND TECHNOLOGY DIVISION	
A.	Automotive/Diesel	
	i) Motor Vehicle Body Repair	93
	ii) Motor Vehicle Mechanic	95

		Page
iii)	Diesel Mechanics	99
iv)	Truck Driver Training Class 1AB	102
v)	Truck Driver Training Class 3AB	104
vi)	Heavy Duty Mechanic	106
vii)	Heavy Duty Equipment Operator	108
viii)	Agricultural Mechanic	110
ix)	Advanced Small Motor Repair	112
B.	Chemical/Biological	
i)	Biochemcial Technology	114
ii)	Biological Technology	116
iii)	Chemical Technology	118
C.	Civil/Construction/Decorating	
i)	Civil Technology	120
ii)	Building Construction Technician	122
iii)	Structural Technology	124
iv)	Building Technology	126
v)	Surveying Technology	128
vi)	Carpentry and Woodworking	130
vii)	Advanced Carpentry	132
viii)	Design and Drafting Technology	134
ix)	Architectural Drafting	136
x)	Mechanical Systems Drafting	139
xi)	Painting and Decorating	141
xii)	Piping Trades	143
xiii)	Masonry	145
xiv)	Upholstery	147
D.	Metals	
i)	Welding	149
ii)	Sheet Metal	153
iii)	Machine Shop Practice	155
iv)	Machine Drafting	157
E.	Mining	
i)	Mineral Sciences Technician/Technology	159

F. Electronics

	Page
i) Computer Technology	161
ii) Electronic Technology	163
iii) Telecommuniciations	167
iv) Domestic Electronics	169
v) Radio Operating and Electronic Communications	172
vi) Color Television	174
vii) Industrial Electronics	176

G. Electrical

i) Electrical Technology	178
ii) Instrumentation Technology	181
iii) Electrical	183
iv) Major Appliance Service Technician	186
v) Refrigeration and Air Conditioning	188
vi) Electrical Drafting	190

H. Mechanical

i) Mechanical Engineering Technology	192
ii) Power Engineers - 1 Year	194
iii) Power Engineers - 2 Year	196

V. TEACHER EDUCATION DIVISION

A. Teacher Education

i) Business Teacher Education	199
ii) Industrial Arts Teacher Education	201
iii) Vocational Industrial Teacher Education	203

INTRODUCTION

This handbook was developed primarily as a resource for professionals engaged in counselling community college students or potential students. This handbook provides a compilation, in a non-technical format, of information on community colleges' courses, information collected from various sources of related occupational studies, and survey results of the labour force and employment outcomes of course graduates. The handbook is not intended to be (nor should it be used as) a shopping guide to courses for students. The labour force and employment outcomes reported herein are based on data collected on graduates from 1975, 1976, 1977 and 1978, who were surveyed in the summer of 1976, 1977, 1978 and 1979 respectively. The data provides a statistical picture of what has transpired with graduates of the past and does not constitute a guarantee for graduates of the future, since labour market conditions and employment situations will continue to change.

Work on this handbook was begun in 1977, with the statistical information presented in the handbook being based on the best and most recent data available at that time. With the more recent information available from 1979 sources, the handbook has been updated.

Handbook users should note that survey statistics for some courses are based on small numbers of respondents (usually because there were small numbers of graduates from those courses during the survey periods). Therefore, outcomes survey data based on small numbers of graduates should be used with caution and "common sense". Users of the handbook are encouraged to read the Technical Forward following this Introduction to gain a better understanding to the definitions and sources of the information presented herein.

TECHNICAL FORWARD

This handbook has been compiled (as a source of information for students, counsellors and administrators) to show the actual labour market experiences of Manitoba Community College graduates by their course of instruction. This information could be useful for identifying possible future employment opportunities for students, relationships between college training and labour market needs, and the possibilities or needs for course modifications.

The information presented in this handbook includes:

(1) job duty descriptions of the training course occupations, (Source: Community College calendars and brochures and the Canadian Classification and Dictionary of Occupations (CCDO) manual);

(2) actual labour market experiences of the course graduates, (i.e. whether students were employed, unemployed and looking for work, or involved in other activities one year following their graduation from training);

(3) location of employment of course graduates, (i.e. Winnipeg, rural Manitoba, outside of Manitoba);

(4) basic starting salaries of course graduates (1978 graduates);

(5) possible employment establishments where students can seek employment following training;

(6) actual jobs attained by course graduates one year following their graduation from training;

(7) the data provided for items (2) through (6) above is derived from the results of four similar follow-up studies which were conducted during the summer of 1976 (May-July, 1975 graduates), during the summer of 1977 (May-July, 1976 graduates), during the summer of 1978 (May-July, 1977 graduates), and during the summer of 1979 (May-July, 1978 graduates). The courses selected for study included all regular on-campus, two-year diploma and one-year or less certificate courses (excluding apprenticeship training) offered in Manitoba's three community colleges - Red River Community College (Winnipeg), Assiniboine Community College (Brandon), and Keewatin Community College (The Pas). All individuals from the

above courses who graduates between May-July of 1975 to 1978 were surveyed approximately one year following their graduation from training.

Graduates who were employed at the time of the surveys were asked to state their occupational title and describe their job duties. Individuals who completed this information were matched with occupational codes described in the Canadian Classification and Dictionary of Occupations (CCDO) manual.

In an attempt to facilitate a comparison between the occupational distribution of course graduates and the training course itself, each course was assigned a 4-digit occupational code according to the CCDO manual. The code identifies the principal area of job preparation contained in a training course and is found to the left of each course title. In some cases, more than one occupational code could be assigned to a specific course. In most cases, it was relatively easy to compare the major occupational/course code with the occupational codes of graduates at the time of the surveys, thus providing a simple analysis of the training-relatedness of jobs to courses.

Many of the skills acquired in the course of training for one occupation are transferable among other occupations. Individuals who were employed in occupations other than the occupation they trained for may actually have training-related employment to some degree. They may also be in the development stages of their career paths. Also, some graduates may not have accepted jobs requiring the use of their training skills, due to the presence of better employment alternatives in the labour market. Therefore, it may be difficult to measure the actual success of a training program in preparing an individual for employment in a training-related occupation.

The employed graduates were also requested to indicate their average weekly earnings (before deductions). In order to provide the most timely earnings information, only the 1979 survey data for 1978 graduates were used.

It is important that the average weekly earnings data be interpreted with caution, however, as such variables as age, sex, job experience, seniority, union affiliation and employment type (i.e. part-time, contract, etc.) have considerable impact on the actual earnings of individuals.

For 1977 graduates surveyed in 1978 and for 1978 graduates surveyed in 1979, a percentage breakdown of males and females who are employed in each course have been supplied. The purpose of these figures are to demonstrate the shift of traditional male-female occupations. For example, of the 1978 employed graduates in Secretarial Science 8.3% were male and 91.7% were female. Similarily, of the 1978 employed graduates in Motor Vehicle Mechanic, 98.1% were male and 1.9% were female.

For further information on admission requirements and courses, please contact the appropriate college at:

Red River Community College
Admissions Officer
C212
2055 Notre Dame Avenue
Winnipeg, Manitoba
R3H 0J9
Telephone: 632-2355

Assiniboine Community College
Supervisor of Administration
Admissions Officer
P.O. Box 935
1430 Victoria Avenue East
Brandon, Manitoba
Telephone: 725-4530

Keewatin Community College
Registrar
P.O. Box 3000
7th Street and Charlebois
The Pas, Manitiba
R9A 1M7
Telephone: 623-3416

OVERVIEW OF 1979 SURVEY FINDINGS

The 1979 survey findings are based on the responses of 1,690 two-year diploma and one-year or less certificate course graduates from Manitoba's three community colleges from May to July, 1978. The graduates were surveyed approximately one year following their graduation from training. Overall, a total of 3,095 graduates were surveyed in 1979, yielding a response rate (excluding non-locates) of 61.6 percent.

Labour Market Status

- When surveyed, approximately 94.0 percent of the college graduates were labour force participants one year following their graduation from training, that is, they were either employed or actively seeking work.
- Of the survey respondents, 88.3 percent were employed, 5.8 percent were unemployed and seeking work, and 6.0 percent were not in the labour force.
- Of the 6.0 percent of the graduates not in the labour force at the time of the survey, 2.7 percent were in school or taking further training, and 3.3 percent were in other non-labour force categories such as keeping house.

Relationship of Training to Jobs

- Of the graduates who were employed at the time of the survey, 82.5 percent had indicated that they found their training to be related to their jobs.

Location of Employment

- While 88.7 percent of the graduates who were employed during the 1979 survey period were working at jobs in Manitoba, 54.5 percent of the graduates surveyed were working in Winnipeg.

Earnings

- Average weekly earnings of those employed in July, 1979 was $219.57 per week, while average hourly wage was $5.78.

In comparison, the prevailing minimum wage for persons 18 years of age and older was $3.15 per hour, and represented equivalent weekly earnings of $126.00.

ABSTRACT ON

HANDBOOK OF LABOUR MARKET EXPERIENCES OF

COMMUNITY COLLEGE GRADUATES

The Handbook of Labour Market Experiences of Community College Graduates was developed to provide a counselling tool for professionals involved in the career counselling of students and adults on their career aspirations. The information found in the Handbook is based on results of an annual outcomes survey of graduates of Manitoba's three community colleges. The survey has been designed to capture the labour market information of those graduates approximately one-year after graduation.

The 1981 edition of the Handbook contains eighty-seven (87) courses offered at the community colleges. The Handbook provides a course description, courses location and possible places of employment. Basic survey results are included, i.e., number of returns over all survey years, labour market statistics as well as employment location or graduates and the percentage of males and females employed in each course. The latest weekly/hourly salary information has also been included.

The job title pages list the actual job titles provided by the graduates. The information is organized by survey year to show employment trends and also by the classification found in Statistics Canada's Canadian Classification and Dictionary of Occupations (CCDO). The job titles are numbered according to the CCDO so that the Handbook may be used in conjunction with the job descriptions provided in the CCDO.

SECTION I

HEALTH CARE AND PERSONAL
SERVICES DIVISION

		Page
A.	Nursing	
i)	Diploma Nursing	2
ii)	Diploma Nursing - Completer Psychiatric	4
iii)	Diploma Nursing - Completer Maternity	5
iv)	Diploma Nursing - Refresher	8
v)	Practical Nursing	10
vi)	Practical Nursing - Refresher	12
B.	Dental	
i)	Dental Assisting - Chairside	15
ii)	Dental Assisting - Expanded Duty	17
C.	Lab and Radiology	
i)	Medical Laboratory Technology	19
ii)	Medical Radiological Diagnostic Technology	21
iii)	Nuclear Medicine Technology	23
D.	Personal Services	
i)	Child Care Services	25
ii)	Health Care Aide/Home Helper	27
iii)	Social Services	29

Course:	DIPLOMA NURSING (3131)
Course Type:	Two-Year Diploma
Colleges Where Course Offered:	Red River Community College

Course Description:

The Diploma Nursing course prepares individuals for occupations concerned with giving nursing care to the sick, injured and infirm; giving nursing advice; assisting physicians; and performing other nursing tasks. Successful completion of the course leads to a college diploma in Nursing Education and eligibility to write nurse registration examinations (R.N.s) in Manitoba. With further training, Registered Nurses may be employed in specialty areas and supervisory positions.

Possible Employment Establishments:

Hospitals	Schools
Clinics	Industrial plants
Nursing homes	Department stores
Private homes	Government agencies

SURVEY DATA FOR YEARS 1976-1979

Number of responses:	149
Number employed:	133
Number unemployed and seeking work:	5
Number not seeking work:	10
Percentage who found jobs in Winnipeg:	69.7
Percentage who found jobs in rural Manitoba:	15.9
Percentage who found jobs outside Manitoba:	14.4
Average weekly (hourly) earnings, 1978 grads:	$259.23 ($6.64)

PERCENTAGE EMPLOYED:

		Male	Female
Graduates:	1977	6.5	93.5
	1978	6.1	93.9

DIPLOMA NURSING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
3130	Supervisory, Nursing Occupations				
	Registered Nurse, Inservice Director			1	
	Nursing Supervisor				1
3131	Nurses, Graduate, Except Supervisors				
	Nurse, Administrative	1			
	Nurse III, Psychiatric		1		
	Registered Nurse	34	27	29	29
	Senior Health Care Officer	1			1
	Nurse, Psychiatric and General				1
	Nurse I				1
	Nurse, Research				1
3134	Nursing Assistants				
	Licensed Practical Nurse			1	
4197	General Office Clerks				
	Clerk III, Government		1		
5137	Sales Clerks, Commodities				
	Sales Clerk		1		
5199	Other Sales Occupations, n.e.c.				
	Fashion Model			1	
6120	Supervisors, Food & Beverage Preparation				
	Restaurant Manager			1	
		36	30	33	34

Course: DIPLOMA NURSING - COMPLETER PSYCHIATRIC (3131)
Course type: Certificate
Colleges where course offered: Red River Community College

Course Description:
The purpose of the completer maternity and psychiatric courses is to provide the required instruction in maternity and psychiatric to allow graduates either to write examinations required for registration in the Manitoba Association of Registered Nurses or to review and update their nursing skill and knowledge.

Survey Data for Year 1979:

Number of responses	5
Number employed	5
Number unemployed and seeking work	Nil
Number not seeking work	Nil
Percentage who found jobs in Winnipeg	20.0
Percentage who found jobs in rural Manitoba	60.0
Percentage who found jobs outside Manitoba	20.0
Average weekly (hourly) earnings, 1978 grads:	$265.00 ($8.17)

Percentage Employed:		Male	Female
Graduates:	1978	20.0	80.0

DIPLOMA NURSING - COMPLETER PSYCHIATRIC
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATE'S REPORTED JOB TITLES	1978
2333	Occupations in Welfare and Community Services	
	Social Worker	1
3131	Nurses Graduate Except Supervisors	
	Registered Nurse	3
3135	Nursing Attendants	
	Nurse's Aide	1
		-
		5

Course:	DIPLOMA NURSING - COMPLETER MATERNITY (3131)
Course type:	Certificate
Colleges where course offered:	Red River Community College

Course Description:

The purpose of the completer maternity and psychiatric courses is to provide the required instruction in maternity and psychiatric to allow graduates either to write examinations required for registration in the Manitoba Association of Registered Nurses or to review and update their nursing skill and knowledge.

Survey Data for Year 1979:

Number of responses	4
Number employed	2
Number unemployed and seeking work	1
Number not seeking work	1
Percentage who found jobs in Winnipeg	50.0
Percentage who found jobs in rural Manitoba	Nil
Percentage who found jobs outside Manitoba	50.0
Average weekly (hourly) earnings, 1978 grads:	$xxx

Percentage Employed:		Male	Female
Graduates:	1978	50.0	50.0

xxx too few responses to report information

DIPLOMA NURSING - COMPLETER MATERNITY
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1978
3131	Nurses, Graduate, Except Supervisors	
	Graduate Nurse	1
	Registered Psychiatric Nurse	1
		2

Course: DIPLOMA NURSING - REFRESHER (3131)

Course Type: Certificate

Colleges where course offered: Red River Community College

Course Description:

The Diploma Nursing Refresher course is designed to update the skills of Registered Nurses and to develop knowledge and skills in nursing fundamentals, needs of adults in health and illness and current trends and issues in nursing. Theory activities include group discussion, seminars, assignments and considerable individual use of audio-visual aids. Clinical experiences are in extended and acute care hospitals.

Possible Employment Establishments:

Hospitals	Schools
Clinics	Industrial plants
Nursing homes	Department stores
Private homes	Government agencies

Survey Data From 1977-78 Graduates:

Number of responses:	72
Number employed:	63
Number unemployed and seeking work:	Nil
Number not seeking work:	9
Percentage who found jobs in rural Manitoba:	21.3
Percentage who found jobs in Winnipeg:	75.4
Percentage who found jobs outside Manitoba:	3.3

Average weekly (hourly) earnings, 1978 grads: $173.37 ($6.35)

Percentage Employed:		Male	Female
Graduates:	1977	0.0	100.0
	1978	0.0	100.0

DIPLOMA NURSING - REFRESHER

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1977	1978
1137	Sales and Advertising Management Occupations		
	Boutique Partner	1	
3130	Supervisors Nursing Occupations		
	Nurse in Charge/Business Manager		1
3131	Nurses, Graduate, Except Supervisors		
	General Duty Nurse	3	4
	Graduate Nurse	1	
	Paramedical Nurse	1	
	Registered Nurse	20	24
	Staff Nurse	1	
	Nurse, Research		1
	Operating Room Technician		1
3134	Nursing Assistants		
	Nurse's Assistant	1	
	Licensed Practical Nurse		1
3135	Nursing Aides and Orderlies		
	Nurse's Aide	1	
4133	Tellers and Cashiers		
	Gas Station Cashier		1
		29	33

Course:	PRACTICAL NURSING (3134)
Course type:	Certificate
Colleges where course offered:	Red River Community College Assiniboine Community College Keewatin Community College

Course Description:

The Practical Nursing course prepares individuals for occupations concerned with giving routine nursing care to the sick, injured, and infirm, under the direction of physicians or registered nurses. Activities generally include: taking and recording temperature, pulse, respiration and blood pressure; giving baths and shaving patients; and serving nutrients and feeding patients. The course consists of basic nursing theory at the college and practical experience at an affiliated Manitoba hospital. Upon successful completion of both the program and the licensing examination, the graduate assumes the title "Licensed Practical Nurse".

Possible Employment Establishments:

Hospitals	Government Agencies
Nursing Homes	Clinics

Survey Data for Years 1976-1979:

Number of responses:	437
Number employed:	377
Number unemployed and seeking work:	22
Number not seeking work:	38
Percentage who found jobs in Winnipeg:	48.9
Percentage who found jobs in rural Manitoba:	49.5
Percentage who found jobs outside Manitoba:	1.6
Average weekly (hourly) earnings, 1978 grads:	$211.41 ($5.43)

Percentage Employed:		Male	Female
Graduates:	1977	5.2	94.8
	1978	3.4	96.6

PRACTICAL NURSING
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2799	Other Teaching & Related Occupations, n.e.c.				
	Teacher's Aide			1	
3131	Nurses, Graduates, Except Supervisors				
	Nurse			2	1
	Graduate Nurse				1
3134	Nursing Assistants				
	Licensed Practical Nurse	79	73	105	78
	Nursing Attendant			1	
	Nursing Assistant				1
3135	Nursing Aides and Orderlies				
	Nurse's Aide	2	2	3	
	Nursing Home Orderly			1	
	Psychiatric Assistant			1	
3139	Nursing, Therapy and Related Occupations				
	Community Health Rep.			1	
	First Aid Attendant				1
3156	Medical Laboratory Technologies & Technicians				
	Lab Technician			1	
3159	Other Occupations in Medicine & Health				
	Dietary Aide			1	
4111	Secretaries and Stenographers				
	Secretary, Accounts	1			
4113	Typists and Clerk-Typists				
	Secretary	1			
4131	Bookkeepers and Accounting Clerks				
	Payroll Clerk		1		
4150	Supervisors' Material Recording, Scheduling and Distributing Occupations				
	Assistant Director				1
4151	Production Clerks				
	Production Control				1
4171	Receptionists & Information Clerks				
	Appointment Clerk	1	2		
	Medical Receptionists	1			
	Receptionist - Clerk				1
	Admitting Clerk				1
4173	Mail and Postal Clerks				
	Postal Clerk				1
4197	General Office Clerks				
	Clerk, General Office	1			
5137	Sales Clerks, Commodities				
	Grocery Clerk	1			
5174	Advertising Salesperson				
	Outdoor Advertising			1	
6149	Personal Service Occupations, n.e.c.				
	Day Care Worker		1		
8513	Motor Vehicle Fabricating & Assembling Occupations				
	Common Labourer			1	
8598	Occupations in Labouring & Other Elemental Work: Product Fabricating, Assembling				
	Factory Labourer			1	
9318	Occupations in Labouring & Other Elemental Work, Material-Handling, n.e.c.				
	Packer	1			
		88	79	120	87

Course: PRACTICAL NURSING - REFRESHER (3134)

Course Type: Certificate

Colleges where courses offered: Red River Community College

Course Description:

The Practical Nursing Refresher course is designed to update the skills of Licensed Practical Nurses and to develop knowledge and skills in the nursing process and role and functions of the licensed practical nurse. Theory activities include reading, group discussion, seminars, assignments and considerable individual study using audio-visual aids. Clinical experiences are with patients in either a personal care home or extented care hospital and a general hospital.

Possible Employment Establishments:

Government	Hospitals
Nursing Homes	Clinics

Survey Data From 1977-78 Graduates:

Number of responses:	19
Number employed:	16
Number unemployed and seeking work:	2
Number not seeking work:	1
Percentage who found jobs in Winnipeg:	50.0
Percentage who found jobs in rural Manitoba:	50.0
Percentage who found jobs outside Manitoba:	Nil
Average weekly (hourly) earnings, 1978 grads:	$137.57 ($5.52)

Percentage Employed:

		Male	Female
Graduates:	1977	0.0	100.0
	1978	0.0	100.0

PRACTICAL NURSING - REFRESHER

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1977	1978
3131	Nurses, Graduate, Except Supervisors		
	Nurse		1
3134	Nursing Assistants		
	Licensed Practical Nurse	4	5
	Practical Nurse	3	1
4171	Receptionists and Information Clerks		
	Receptionist	1	
9519	Printing and Related Occupations, n.e.c.		
	Ticketer	1	
		9	7

Course: DENTAL ASSISTING - CHAIRSIDE (3157)

Course type: Certificiate

Colleges where course offered: Red River Community College

Course Description:

A chairside dental assistant works under the supervision of a dentist and functions generally as a "second pair of hands" for the dentist. Utilizing skills to increase the dentist's productivity and efficiency, a skilled dental assistant greatly affects the dental practice, through assisting at the chairside, processing and mounting radiographs, performing sterlization procedures and caring for instruments and equipment, performing laboratory procedures and practice management. This course is a prerequisite to Dental Assisting - Expanded Duty.

Possible Employment Establishments:

Dental Offices

Survey Data From 1977-78 Graduates:

Number of responses:	35
Number employed:	31
Number unemployed and seeking work:	1
Number not seeking work:	3
Percentage who found jobs in Winnipeg:	90.0
Percentage who found jobs in rural Manitoba:	10.0
Percentage who found jobs outside Manitoba:	Nil
Average weekly (hourly) earnings, 1978 grads:	$165.20 ($4.21)

Percentage Employed:

		Male	Female
Graduates:	1977	0.0	100.0
	1978	0.0	100.0

DENTAL ASSISTING - CHAIRSIDE

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1977	1978
3157	Dental Hygienists, Assistants and Technicians		
	Apprentice Dental Technician	1	
	Control Therapist/Dental Assistant	1	
	Expanded Chairside Duty Dental Assistant	1	
	Expanded Duty Dental Assistant	3	1
	Dental Assistant	8	4
	Dental Assistant - Phase II	7	5
		21	10

Course: DENTAL ASSISTING - EXPANDED DUTY (3157)

Course type: Certificate

Colleges where course offered: Red River Community College (Winnipeg)
Keewatin Community College (The Pas)

Course Description:

Dental Assisting consists of Chairside and Expanded Duty (both of which are separate certificate courses). Dental Assisting - Chairside is a 26 week course which is a prerequisite to Dental Assisting - Expanded Duty. A chairside dental assistant works under the supervision of a dentist and functions generally as a "second pair of hands" for the dentist. Other tasks include: processing and mounting radiographs, performing sterlization procedures for instruments, and performing other business related duties such as maintaining records and charts, sending bills and scheduling appointments. An expanded duty dental assistant performs a number of preventive-oriented procedures in a patient's mouth such as polishing teeth, applying fluoride, and applying plastic sealants. Other duties include making impressions, placing rubber dams and counselling patients or groups in preventive dental education.

Possible Employment Establishments:

Dentists	Dental Clinics
Government Agencies	Hospitals

Survey Data for Years 1976-1979

Number of responses:	146	
Number employed:	130	
Number unemployed and seeking work:	8	
Number not seeking work:	8	
Percentage who found jobs in Winnipeg:	61.7	
Percentage who found jobs in rural Manitoba:	32.0	
Percentage who found jobs outside Manitoba:	6.3	
Average weekly (hourly) earnings, 1978 grads:	$175.82	($4.83)

NOTE: Keewatin Community College

The Dental Auxiliary program trains persons to provide a needed dental service in northern and rural Manitoba for either public health or private practice.

Percentage Employed:

29

		Male	Female
Graduates:	1977	7.1	92.9
	1978	0.0	100.0

DENTAL ASSISTING - EXPANDED DUTY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUTES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1174	Personnel and Related Officers				
	Program Administrator		1		
3156	Medical Laboratory Technologists & Technicians				
	Laboratory Technician		1		
3157	Dental Hygienists, Assistants & Technicians				
	Dental Assistant	26	34	36	9
	Dental Therapist	1			
	Preventative Assistant	1	1		
	Dental Assistant - Phase II				5
	Expanded Duty Dental Assistant				2
3159	Other Occupations in Medicine & Health,n.e.c.				
	Pharmacist Assistant			1	
4110	Supervisors, Stenographic & Typing Occupations				
	Secretary/Coordinator		1		
4111	Secretaries and Stenographers				
	Secretary, Brokerage	1			
	Secretary, Federal Government				1
4133	Tellers and Cashiers				
	Teller		1		
4171	Receptionists and Information Clerks				
	Receptionist		1		
5137	Sales Clerks, Commodities				
	Sales Clerk			1	
6123	Bartenders				
	Bartender	1			
6133	Houseman/Woman				
	Chambermaid			1	
8223	Milk Processing & Related Occupations				
	Labourer			1	
		30	40	40	17

Course: MEDICAL LABORATORY TECHNOLOGY (3156)

Course type: Two-Year Diploma

Colleges where course offered: Red River Community College

Course Description:

The Medical Laboratory Technology student learns through academic study and practical experience how to examine specimens by various chemical, microscopic, and bacteriological tests while applying techniques from the sciences of histology, bacteriology, clinical chemistry, haematology, and serology.

Possible Employment Establishments:

Hospital Laboratories	Medical Clinics
Research Agencies	Some Commercial Companies

Survey Data From 1977-78 Graduates:

Number of responses:	100
Number employed:	74
Number unemployed and seeking work:	16
Number not seeking work:	10
Percentage who found jobs in Winnipeg:	79.7
Percentage who found jobs in rural Manitoba:	17.6
Percentage who found jobs outside Manitoba:	2.7
Average weekly (hourly) earnings, 1978 grads:	$215.43 ($5.56)

Percentage Employed:

		Male	Female
Graduates:	1977	12.8	87.2
	1978	9.1	90.9

MEDICAL LABORATORY TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1977	1978
2719	University Teaching and Related Occupations, n.e.c.		
	Research Technician		1
3135	Nursing Aides and Orderlies		
	Nurse's Aide		1
3156	Medical Laboratory Technologists and Technicians		
	Lab Technicians	1	
	Medical Laboratory Technologist	34	26
	Medical Laboratory/X-Ray Technologist	1	
	Registered Medical Laboratory Technologist	1	2
	Serology Technologist	1	
4133	Tellers and Cashiers		
	Cashier	1	
4197	General Office Clerks		
	Grain Documentation Clerk		1
5135	Salesmen and Salespersons Commodities, n.e.c.		
	Hardware Salesman		1
5137	Sales Clerks, Commodities		
	Sales Clerk		1
6125	Waiters, Hostesses and Stewards, Food & Beverage		
	Waiter/Waitress	1	
6143	Barbers, Hairdressers and Related Occupations		
	Beauty Consultant	1	
		41	33

Course: MEDICAL RADIOLOGICAL DIAGNOSTIC TECHNOLOGY (3155)

Course type: Two-Year Diploma

Colleges where course offered: Red River Community College

Course Description:

Students commence training at the hospital training centre which accepted them. Two months later, the students return to Red River Community College for a five-month period. After successful completion of the college based portion of training, students return to the hospital training centres for the remainder of the two-year program. At the end of the two-year period, and with the hospitals recommendation the student writes the examination leading to a diploma as Registered Radiological Technician. Some technicians are employed as technicial advisors for x-ray equipment and supply manufacturers. Others are engaged in aspects of teaching or research.

Possible Employment Establishments:

X-ray equipment & supply manufacturers

X-ray units — Hospitals

Clinics — Laboratories

Survey Data from 1977-78 Graduates:

Number of responses:	27
Number employed:	9
Number unemployed and seeking work:	4
Number not seeking work:	14
Percentage who found jobs in Winnipeg:	88.9
Percentage who found jobs in rural Manitoba:	11.1
Percentage who found jobs outside Manitoba:	Nil
Average weekly (hourly) earnings, 1978 grads:	xxx

Percentage Employed:

		Male	Female
Graduates:	1977	12.5	87.5
	1978	0.0	100.0

xxx Too few responses to report information for 1978

MEDICAL RADIOLOGICAL DIAGNOSTIC TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1977	1978
3135	Nursing Aides and Orderlies		
	Nursing Home Activities Assistant		1
3155	Radiological Technologists and Technicians		
	Medical Technologist I (Radiology)	1	
	Radiological Technologist (Medical)	3	
	X-Ray Technologist	3	
4171	Receptionists and Information Clerks		
	Medical Receptionist	1	
		8	1

Course: NUCLEAR MEDICINE TECHNOLOGY (3155)

Course type: Two-Year Diploma

Colleges where course offered: Red River Community College

Course Description:

The Nuclear Medicine Technology student, through the academic course at the College, and with the practical experience gained in the hospital Nuclear Medicine Department, learns to safely use radioactive materials as biological tracers for the purpose of medical diagnostic testing, becoming proficient in performing static and dynamic organ imaging, organ function studies and "in vitio" procedures including radiometric assays.

Possible Employment Establishments:

Hospitals

Medical Clinics

Some commerical companies

Survey Dats from 1977-78 Graduates:

Number of responses:	12
Number employed:	6
Number unemployed and seeking work:	1
Number not seeking work:	4
Percentage who found jobs in Winnipeg:	16.7
Percentage who found jobs in rural Manitoba:	Nil
Percentage who found jobs outside Manitoba:	83.3
Average weekly (hourly) earnings, 1978 grads:	$xxx

Percentage Employed:

		Male	Female
Graduates:	1977	0.0	100.0
	1978	0.0	100.0

xxx Too few responses to report information for 1978

NUCLEAR MEDICINE TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1977	1978
3155	Radiological Technologists and Technicians		
	Nuclear Medicine Technologist	4	1
4131	Bookkeepers and Accounting Clerks		
	Payroll Clerk		1
		4	2

Course: CHILD CARE SERVICES (2731)

Course type: Two-Year Diploma

Colleges where course offered: Red River Community College

Course Description:

The Child Care Service course prepares individuals for occupations concerned with providing young children with learning experiences that offer appropriate thought stimulation as well as opportunities for physical, emotional and social development. Activities generally include: teaching children to get along without their mother, to associate and play with others and to develop muscle co-ordination and self-assurance; organizing and participating in games; reading to children; providing children with creative experiences through painting, drawing, singing, etc.; maintaining discipline; and directing children in eating, resting and toilet habits.

Possible Employment Establishments:

Day Care Centres
Nursery Schools
Hospitals

Survey Data for Years 1976-1979

Number of responses:	70
Number employed:	62
Number unemployed and seeking work:	2
Number not seeking work:	Nil
Percentage who found jobs in Winnipeg:	86.7
Percentage who found jobs in rural Manitoba:	3.3
Percentage who found jobs outside Manitoba:	10.0
Average weekly (hourly) earnings, 1978 grads:	$186.50 ($4.95)

Percentage Employed:

		Male	Female
Graduates:	1977	0.0	100.0
	1978	0.0	100.0

CHILD CARE SERVICES

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
	CHILD CARE SERVICES (1 YEAR)				
2731	Elementary and Kindergarten Teachers				
	Day Care Teacher	1			
	Day Care Worker	1			
		2			
	CHILD CARE SERVICES (2 YEAR)				
2331	Social Workers				
	Youth Worker	1			
2333	Occupations in Welfare and Community Services				
	Behavior Counsellor				1
2391	Educational and Vocational Counsellors				
	Juvenile Counsellor		1		
2731	Elementary and Kindergarten Teachers				
	Child Care Supervisor			1	1
	Child Care Teacher			1	
	Day Care Assistant	2			
	Day Care Supervisor			2	1
	Day Care Teacher			1	2
	Day Care Worker	2		1	4
	Elementary Teacher			1	
	Nursery School Teacher	9	5		
	Preschool Teacher/Educator			2	9
	Room Supervisor	1	2		
3137	Physiotherapists, Occupational and Other Therapists				
	Child Care Worker		1	5	
4131	Bookkeepers and Accounting Clerks				
	Finance Agent		1		
4143	Electronic Data-Processing Equipment Operators				
	Computer Operator			1	
5135	Salesmen and Salespersons, Commodities, n.e.c.				
	Store Clerk		1		
		15	11	15	18

Course:	HEALTH CARE AIDE/HOME HELPER
Course type:	Certificate
Colleges where course offered:	Red River Community College

Course Description:

This course is given to those people already employed as health care aides in such establishments as nursing homes and hospitals. It is designed as a supplement to the practical experience gained by the employers.

Survey Data for Year 1979:

Number of responses:	56
Number employed:	52
Number unemployed and seeking work:	Nil
Number not seeking work:	4
Percentage who found jobs in Winnipeg:	28.8
Percentage who found jobs in rural Manitoba:	69.2
Percentage who found jobs outside Manitoba:	2.0
Average weekly (hourly) earnings, 1978 grads:	$152.57 ($4.29)

Percentage Employed:

		Male	Female
Graduates:	1978	1.9	98.1

HEALTH CARE AIDE/HOME HELPER

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1978
3134	Nursing Assistants	
	Nursing Assistant	3
3135	Nursing Attendants	
	Nurse's Aide	34
	Health Care Aide	7
	Cook/Aide	1
	Nurse's Assistant	1
3139	Nursing, Therapy and Related Assisting Occupations, n.e.c.	
	Health Care Aide	1
3159	Other Occupations in Medicine and Health	
	Dietary Aide	2
4197	General Office Clerks	
	Service Clerk	1
6133	Lodging Cleaners, Except Private Household	
	Housekeeper	1
8228	Occupations in Labouring and Other Elemental Work: Food, Beverages and Related Processing	
	Labourer	1
		52

Course:	SOCIAL SERVICES (2333)
Course Type:	Certificate
Colleges Where Course Offered:	Assiniboine Community College

Course Description:

The Social Services course prepares individuals for occupations concerned with helping people with varying needs. The social service worker should display skill and sensitivity in assessing need situations and in assisting individuals and families in making use of available community resources. To this end, the student is trained in both the theoretical aspects of social services and the practical experience of community work. Preference will be given to applicants who have the ability and authority to drive a car as, in many agencies, driving ability is required during field training.

Possible Employment Establishments:

Senior citizens' homes	Foster homes
Hospital Social Services	Government agencies
Rehabilitation agencies	Health & Welfare agencies
Correctional institutions	Camps

SURVEY DATA FOR YEARS 1976-1979

Number of responses:	70
Number employed:	53
Number unemployed and seeking work:	3
Number not seeking work:	1
Percentage who found jobs in Winnipeg:	26.4
Percentage who found jobs in rural Manitoba:	67.9
Percentage who found jobs outside Manitoba:	5.7
Average weekly (hourly) earnings, 1978 grads:	$223.25 ($5.37)

Percentage Employed:

		Male	Female
Graduates:	1977	22.2	77.8
	1978	0.0	100.0

SOCIAL SERVICES

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
2331	Social Workers				
	Community Alcoholism Support			1	
	Group Home Counsellor	1			
	Homemaker Co-ordinator			1	
	Social Worker	1			
2333	Occupations in Welfare and Community Services				
	Assistant Programmer				1
2339	Occupations in Social Work and Related Fields, n.e.c.				
	Activity Worker	1			
	Community Service Worker	1			
2391	Educational and Vocational Counsellors				
	Camp Counsellor	1			
	Counsellor		1	1	
	Income Security Counsellor		2		
	Juvenile Counsellor		1	1	
	Resident Counsellor			1	1
	Counsellor - Women's Shelter				1
2399	Other Occupations in Social Sciences and Related Fields, n.e.c.				
	Juvenile Counsellor	2			
	Social Service Worker		1	2	
	Residence Attendant				1
2511	Ministers of Religion				
	Missionary Personnel	1			
2791	Community College & Vocational School Teachers				
	Instructor		1		
2799	Other Teaching & Related Occupations, n.e.c.				
	Curriculum Development Officer	1			
3135	Nursing Aides and Orderlies				
	Psychiatric Nurse			1	2
3139	Nursing, Therapy and Related Assisting Occupations, n.e.c.				
	Child Care Worker				2
3719	Occupations in Sport & Recreation, n.e.c.				
	Assistant Recreation Specialist	1			
4111	Secretaries & Stenographers				
	Administrative Secretary			1	
	Secretary/Public Relations				1
4113	Typists & Clerk-Typists				
	Receptionist	1			
4131	Bookkeepers & Accounting Clerks				
	Accounting Clerk	1			
4141	Office Machine Operators				
	Machine Operator - Clearing Department			1	
4151	Production Clerks				
	Assistant Manager	1			
4197	General Office Clerks				
	Office Clerk		1		
	Receptionist		1		
5130	Supervisors: Sales Occupations, Commodities				
	Assistant Manager			1	
5371	Insurance Sales Occupations and Agents, Other				
	Insurance Agent 1		1		
5179	Sales Occupations: Services, n.e.c.				
	Service Representative			1	
6115	Guards & Related Security Occupations, Other				
	Correctional Officer 1			1	
6125	Food & Beverage Serving Occupations, Other				
	Cafeteria Helper		1		
6149	Personal Service Occupations, n.e.c.				
	Child Care Worker	1		5	
8796	Inspecting & Testing Occupations, Construction, Except Electrical				
	Construction Inspector		1		
		14	11	18	9

42

SECTION II

BUSINESS AND ADMINISTRATIVE STUDIES DIVISION

		PAGE
A.	Secretarial	
	i) Business Skills	31
	ii) Clerk Typist	33
	iii) Medical Records Technician	37
	iv) Secretarial Science	39
	v) Stenography	41
B.	Bookkeeping/Accounting	
	i) Clerical Bookkeeping and Office Machines	44
	ii) Business Accountancy	47
C.	Administration	
	i) Business Administration	52
	ii) Hotel and Restaurant Administration	57
	iii) Computer Analyst/Programmer	59
D.	Sales	
	i) Commercial and Industrial Sales	61

Course: BUSINESS SKILLS (4113)
Course Type: Certificate
Colleges Where Course Offered: Red River Community College

Course Description:

The Business Skills course prepares individuals for employment in clerical positions such as receptionists, junior accounting and payroll clerks. The course develops basic knowledge and skills in typing, bookkeeping, communication, mathematics, office practice and filing. The course also prepares students for the Clerk Typist course.

Possible Employment Establishments:

Government offices
Schools
Private offices and industries

Survey Data From 1977-78 Graduates

Number of responses:	71
Number employed:	49
Number unemployed and seeking work:	11
Number not seeking work:	10
Percentage who found jobs in Winnipeg:	6.3
Percentage who found jobs in rural Manitoba:	91.7
Percentage who found jobs outside Manitoba:	2.0
Average weekly (hourly) earnings, 1978 grads:	$134.42 ($4.50)

Percentage Employed:

		Male	Female
Graduates:	1977	0.0	100.0
	1978	0.0	100.0

BUSINESS SKILLS

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1977	1978
2333	Occupations in Welfare and Community Services		
	Home Care Worker		1
3135	Nursing Aides and Orderlies		
	Psychiatric Nurse Assistant		1
3319	Occupations in Fine and Commercial Art, Photography and Related Fields, n.e.c.		
	Paste-Up Person - Newspaper		1
4111	Secretaries and Stenographers		
	Band Secretary	1	1
	Lawyer's Secretary	1	
	Secretary	2	
	Secretary- Treasurer	1	1
	Steno-Clerk/Secretary	1	
	Stenography	1	
	Agricultural Loans Secretary		1
4113	Typists and Clerk-Typists		
	Clerk Typist	4	4
	Junior Consular Clerk	1	
	Clerical Assistant		1
	Policy Writer		1
4131	Bookkeepers and Accounting Clerks		
	Bookkeeper and/or Receptionist	2	1
	Bookkeeper/Sales Clerk	1	
	Secretary/Accountant	1	
	Bookkeeper/Typist		1
	Bookkeeper/Finishing Worker		1
4133	Tellers and Cashiers		
	Cash Clerk		1
4153	Shipping and Receiving Clerks		
	Warehouse Shipper/Receiver		1
	Claims/Repairs/Shipper		1
4171	Receptionists and Information Clerks		
	Secretary/Receptionist	1	
	Lawyer's Receptionist		1
	Receptionist - Nursing Home		1
	Receptionist - Hospital		1
4190	Supervisors, Other Clerical & Related Occupations, n.e.c.		
	Office Supervisors	1	
4195	Personnel Clerks		
	Personnel Documentation Clerk	1	
4197	General Office Clerks		
	Clerk-Accountant	1	
	General Office Clerk		1
	Office Worker		1
	Museum Assistant		1
5137	Sales Clerks, Commodities		
	Store Clerk		1
6125	Food and Beverage Serving Occupations		
	Waitress		1
	Cocktail Waitresss		1
6191	Janitors, Charworkers and Cleaners		
	Parks Labourer		1
8529	Other Fabricating & Assembling Occupations, Metal Products, n.e.c.		
	Production Worker	1	
	45	21	28

Course: CLERK TYPIST (4113)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College
Assiniboine Community College
Keewatin Community College

Course Description:

The Clerk Typist course prepares individuals for occupations concerned with performing general office duties, most of which involve typing. Activities generally include: compiling and typing reports, bills, application forms, shipping tickets and other data from clerical records; filing, sorting and distributing mail and answering telephones. The responsibilities of a clerk typist may vary according to the office situation. Graduates may find employment as typists, filing clerks and receptionists.

Possible Employment Establishments:

Government offices
Schools
Private businesses and industries

SURVEY DATA FOR YEARS 1976-1979

Number of responses:	242
Number employed:	194
Number unemployed and seeking work:	20
Number not seeking work:	28
Percentage who found jobs in Winnipeg:	51.9
Percentage who found jobs in rural Manitoba:	40.2
Percentage who found jobs outside Manitoba:	7.9
Average weekly (hourly) earnings, 1978 grads:	$159.36 ($4.24)

Percentage Employed:

		Male	Female
Graduates:	1977	0.0	100.0
	1978	1.4	98.6

CLERK TYPIST

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATION

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
2183	Systems Analysts, Computer Programmer and Related Occupations				
	Programs Technician				1
2731	Elementary & Kindergarten Teachers				
	Christian School Supervisor			1	
3135	Nursing Attendants				
	Nurse's Aide				1
3315	Photographers & Camera Operators, Others				
	Photographers's Assistant			1	
3351	Writers and Editors, Publication				
	Newsletter Editor				1
4111	Secretaries & Stenographers				
	Administrative Secretary			4	3
	Legal Secretary	2		2	
	Medical Secretary			1	
	Receptionist/Legal Secretary			1	
	Secretary	2		4	1
	Stenographer/Receptionist			2	
	Bank Stenographer				1
	Clerk - Secretary				1
	Medical Secretary II				1
	Sales Secretary				2
	Secretary/Receptionist				2
4113	Typists and Clerk-Typists				
	Clerk Typist	2	3	25	15
	Employee Relations Staff Clerk	1			
	Invoice Typist			1	
	Office Clerk	2		3	
	Receptionist/Secretary	2		6	
	Secretarial Assistant	1			
	Telstype Operator			1	
	Typist			4	1
	Administration Clerk				1
	Clerk-Receptionist				1
	Clerk Typist II				3
	Clerk Typist III				1
	Clerk Typist/Receptionist				1
	Requisition Clerk/Typist				1
	Secretary/Typist				1
	Shop Clerk				1
	St. Type 2 Typist				1
	Teller-Typist				1
	Test and Audit Clerk				1
	Typist/Underwriter				1
4131	Bookkeepers & Accounting Clerks				
	Accounts Payable Clerk			1	
	Accounts Receivable	1			
	Auditor	1			
	Clerk A	1			
	Clerk II			1	
	Clerk III	1			
	Medical Billing Clerk			1	
	Payroll Clerk			1	
	Postal Clerk			2	
	Secretary/Bookkeeper			3	
	Bookkeeper				1
	Data Entry Computer Operator				1
	Fishermen Payroll Clerk				1

CLERK TYPIST

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
4133	Tellers & Cashiers				
	Bank Teller			1	2
	Cashier		1	1	
	Stenographer - Teller				1
4135	Insurance, Bank and Other Finance Clerks				
	Securities Assistant				1
4137	Statistical Clerks				
	Statistical Clerk				1
4141	Office Machine Operators				
	Comptometer/Calculator Operator			1	
4143	Electronic Data				
	Keypunch Operator			2	3
	Terminal Operator			1	
	Data-Processing Operator				1
4155	Stock Clerks & Related Occupations				
	Inventory Control Clerk		1		
	Order Filler			1	
	Purchasing Clerk/Expediter			1	
4161	Library and File Clerks				
	File Clerk			1	
4171	Receptionists & Information Clerks				
	Medical Information Clerk			1	
4175	Telephone Operators				
	Switchboard/Admitting Clerk			1	
	Telephone Operator			1	
4191	Collectors				
	Collecting Agent				1
4194	Hotel Clerks				
	Front Desk Clerk				1
4195	Personnel Clerks				
	Personnel Officer	1			
4197	General Office Clerks				
	Clerk A		1		
	Invoice & Mail Clerk	1		1	
	Records Clerk		1	1	1
	Adjuster				1
	City Floater				1
	Office Clerk				1
	Senior Clerk				1
5130	Supervisors: Sales Occupations, Commodities				
	Imports Assistant			1	
5135	Salesmen and Salespersons, Commodities				
	Sales Clerk n.e.c.			2	
	Store Clerk			3	
5137	Sales Clerks, Commodities				
	Clerk				1
	Lingerie Clerk				1
5172	Real Estate Sales Occupations, Other				
	Real Estate Consultant			1	
5191	Buyers, Wholesale and Retail Trade				
	Buyer's Assistant			1	
6120	Supervisors, Food and Beverage Preparation and Related Service Occupations				
	Trainee Manager				1

CLERK TYPIST

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
6121	Chefs and Cooks				
	Pastry Cook				1
6125	Food & Beverage Serving Occupations, Other				
	Waiter/Waitress/Cashier			4	4
	Bar Maid				1
6149	Personal Service Occupations,n.e.c.				
	Homemaker			1	
6191	Janitors, Charworkers and Cleaners				
	School Custodian			1	
7715	Blasting Occupations				
	Blaster (open pit mine)	1			
8563	Sewing Machine Operators, Textile & Similar Materials				
	Machine Operator			1	
9511	Typesetting and Composing Occupations				
	Typesetter				1
		19	7	94	73

Course: MEDICAL RECORDS TECHNICIAN (4161)

Course type: Certificate

Colleges where course offered: Red River Community College

Course Description:

The Medical Records Technician course prepares individuals for occupations concerned with the preparation, analysis and preservation of health care information required by doctors, hospitals, patients and other agencies. Activities generally include: reviewing clinical records for completeness; coding, indexing and filing records of diagnosis, diseases and treatments; compiling statistics on admissions, births, deaths, transfers and discharges and releasing medical information. Graduates may find employment in hospital medical records departments, clinics and other paramedical agencies.

Possible Employment Establishments:

- Hospitals
- Health Services
- Medical Libraries
- Universities - Faculties of Medicine and Science
- Medical Clinics

Survey Data for Years 1976-1979

Number of responses:	60
Number employed:	54
Number unemployed and seeking work:	3
Number not seeking work:	3
Percentage who found jobs in Winnipeg:	79.6
Percentage who found jobs in rural Manitoba:	16.7
Percentage who found jobs outside Manitoba:	3.7
Average weekly (hourly) earnings, 1978 grads:	$178.69 ($4.73)

Percentage Employed:

		Male	Female
Graduates:	1977	0.0	100.0
	1978	0.0	100.0

MEDICAL RECORDS TECHNICIAN

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
4111	Secretaries & Stenographers				
	Admitting Clerk		1		
	Medical Secretary	6	2		2
	Medical Stenographer	3	1	1	
	Clerk - Stenographer II				1
	Bank Stenographer				1
4113	Typists & Clerk Typists				
	Clerk Typist			1	
	Clerk Typist II			1	1
	Clerk Typist III	1			
	Medical Transcriptionist				1
4133	Tellers & Cashiers				
	Bank Teller	1			
4161	Library & File Clerks				
	Medical Library Assistant	1			
	Medical Record Casualty Clerk			1	
	Medical Records Stenographer	2	1		
	Medical Records Technician	2	3	10	5
	Medical Record Technologist				1
	Audit Secretary				1
4171	Receptionist & Information Clerks				
	Lab/X-ray Receptionist			1	
	Receptionist			1	
	Medical Receptionist				1
		16	8	16	14

Course: SECRETARIAL SCIENCE (4111)

Course type: Two-Year Diploma

Colleges where course offered: Red River Community College
Assiniboine Community College - not offered in 1978

Course Description:

The Secretarial Science course prepares individuals for advanced positions in secretarial work as medical secretaries, legal secretaries or managing secretaries. Activities generally include: scheduling appointments; taking dictation; providing callers with information; and relieving employers of all clerical work, and minor administrative and business details. Graduates of secretarial science may find employment in government offices and private businesses and industries.

Possible Employment Establishments:

Hospitals	Investment Dealers
Banks	Insurance Companies
Courts	Realtors
Universities, Colleges	Law Offices
Government Offices	Other Private Businesses and Industries

Survey Data for Years 1976-1979:

Number of responses:	86
Number employed:	82
Number unemployed and seeking work:	1
Number not seeking work:	3
Percentage who found jobs in Winnipeg:	86.6
Percentage who found jobs in rural Manitoba:	6.1
Percentage who found jobs outside Manitoba:	7.3
Average weekly (hourly) earnings, 1978 grads:	$247.09 ($6.64)

(NOTE: Students without prior training in Business Education are requested to complete the Stenography course prior to enrolling in the Secretarial Science program.)

Percentage Employed:

		Male	Female
Graduates:	1977	0.0	100.0
	1978	8.3	91.7

SECRETARIAL SCIENCE

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1133	Administrators in Teaching & Related Fields				
	Education Registrar		1		
1179	Occupations Related to Management & Administration, n.e.c.				
	Administrative Assistant			1	
4111	Secretaries & Stenographers				
	Administrative Assistant		3		1
	Architectural Secretary			1	
	Executive Secretary			5	1
	Junior Office Clerk		1		
	Legal Assistant/Secretary			1	
	Legal Secretary	1	1	2	1
	Medical Secretary		1		
	Personnel Secretary			1	
	Private Secretary			1	
	Receptionist Secretary	1		3	1
	Secretary	17	8	4	4
	Secretary-Accounts Receivable			1	
	Secretary/Assistant			1	
	Stenographer	5	1		
	District Secretary				1
	Senior Stenographer				1
	Steno-Typist				1
4113	Typists & Clerk-Typist				
	Clerk Typists		2	1	1
4131	Bookkeepers & Accounting Clerks				
	Accounts Clerk	2			
	Bookkeeper/Secretary	1			
4143	Electronic Data-Processing Equipment Operators				
	Magnetic Electric Key Tape Operator		1		
4195	Personnel Clerks				
	Grants & Personnel Clerk	1			
6120	Supervisors, Food & Beverage Preparation & Related Service Occupations				
	Sales & Catering Co-ordinator			1	
		28	19	23	12

Course:	STENOGRAPHY (4111)
Course type:	Certificate
Colleges where course offered:	Red River Community College Assiniboine Community College Keewatin Community College

Course Description:

The Stenography course prepared individuals for occupations concerned with taking dictation by shorthand and transcribing data in typewritten form. Activities generally include: recording dictated letters or other material in shorthand; typing data from shorthand notes, written drafts, tape recordings, or other sources; cutting stencils; and assembling and filing correspondence. Graduates may find employment as stenographers in small offices or in steno pools in large office, or may apply for admission into Secretarial Science.

Possible Employment Establishments:

Governments	Chartered Accountants Offices
Insurance Companies	Banks
Law Offices	Other Private Business and Industries
Courts	

Survey Data for Years 1976-1979:

Number of responses;	199
Number employed:	170
Number unemployed and seeking work:	9
Number not seeking work:	20
Percentage who found jobs in Winnipeg:	63.9
Percentage who found jobs in rural Manitoba:	31.9
Percentage who found jobs outside Manitoba:	4.2
Average weekly (hourly) earnings, 1978 grads:	$174.10 ($4.70)

Percentage Employed:

		Male	Female
Graduates:	1977	0.0	100.0
	1978	0.0	100.0

STENOGRAPHY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1137	Sales & Advertising Management Occupations				
	Sales Supervisor	1			
1179	Occupations Related to Management & Administration, n.e.c.				
	Administrative Associate			1	
3359	Occupations in Writing, n.e.c.				
	Project Worker				1
4111	Secretaries & Stenographers				
	Assistant Secretary/Treasurer			1	
	Business Clerk		1		
	Clerk Stenographer			1	
	Confidential Secretary			1	1
	Executive Secretary			1	3
	Government Stenographer			1	
	Legal Secretary	1		5	8
	Legal Stenographer	2			
	Medical Stenographer	1			
	Personal Advisor's Secretary			1	
	Personal Secretary			1	
	Secretary	16	6		7
	Secretary - B.A.S.O.			1	
	Secretary/Computer Operator			1	
	Secretary/Receptionist		1	3	1
	Stenographer	7	4	5	10
	Stenographer/Receptionist	1	1	1	3
	Stenographer/Secretary			1	
	Bank Stenographer				2
	Medical Secretary				1
	Person Friday				1
	Personnel Secretary				1
	Policing Secretary				1
	Sales Staff Secretary				1
	Stenographer/Administrative Secretary				1
	Stenographer/Typist II				1
4113	Typists & Clerk-Typist				
	Administrative Secretary			3	2
	Clerk-Typist	3	1	2	4
	Clerk-Typist II			2	2
	Computer			1	
	Dictaphone Typist	1			
	Office Clerk	1			
	Steno-Typist			2	1
	Teletypist			1	

STENOGRAPHY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
4131	Bookkeepers & Accounting Clerks				
	Bookkeeper/Secretary	2			
	Bookkeeper/Stenographer			1	1
	Bookkeeper/Receptionist				1
	Accounts Payable/Controller Assistant				1
4133	Tellers & Cashiers				
	Assistant Cashier			1	
	Bank Teller			1	
	Cashier			1	1
4143	Electronic Data-Processing Equipment Operators				
	Computer Operator			1	
4155	Stock Clerks and Related Occuaptions				
	Inventory Control/Ordering Clerk				1
417[illegible]	Receptionist & Information Clerks				
	Receptionist	1		3	1
	Laboratory Receptionist				1
	Optometric Receptionist				1
4197	General Office Clerks				
	Admitting Clerk				1
	Clerk				1
	Clerk A				1
	Clerk III				1
4199	Other Clerical & Related Occupations, n.e.c.				
	Casualty Unit Clerk			1	
5137	Sales Clerks, Commodities				
	Store Clerk				1
	Sales Clerk - Jewellery			1	
5179	Sales Occupations: Services, n.e.c.				
	Film Booker		1		
6125	Food & Beverage Serving Occupations, Other				
	Waiter/Waitress			1	
6145	Travel and Related Attendants Except Food and Beverage				
	Flight Attendant				1
9135	Railway Transport Operating Support Occupations				
	Car Checker		1		
		37	16	47	66

Course: CLERICAL BOOKKEEPING AND OFFICE MACHINES (4131)

Course type: Certificate

Colleges where course offered: Red River Community College
Assiniboine Community College
Keewatin Community College

Course Description:

The Clerical Bookkeeping and Office Machines course prepares individuals for occupations concerned with computing, classifying and recording data to keep sets of financial records and with operating bookkeeping machines used to record financial transactions. Activities generally include: posting entries in ledgers; balancing books; compiling reports; operating accounting machines and typing. Graduates may find employment in the accounting department of business firms in accounts receivable, accounts payable, payroll, invoice or data processing, bookkeeping or accounting equipment operation.

Possible Employment Establishments:

Government Offices
Colleges
Private Businesses and Industries

Survey Data for Years 1976-1979:

Number of responses:	189
Number employed:	161
Number unemployed and seeking work:	9
Number not seeking work:	19
Percentage who found jobs in Winnipeg:	60.9
Percentage who found jobs in rural Manitoba:	34.3
Percentage who found jobs outside Manitoba:	4.3
Average weekly (hourly) earnings, 1978 grads:	$175.56 ($4.80)

Percentage Employed:

		Male	Female
Graduates:	1977	3.3	96.7
	1978	12.5	87.5

CLERICAL BOOKKEEPING & OFFICE MACHINES

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUTTES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1171	Accountants, Auditors and Other Financial Officers				
	Assistant Accountant				1
	Junior Accountant				1
2349	Occupations in Law & Jurisprudence, n.e.c.				
	Land Titles Clerk			1	
2797	Instructors & Training Officers, n.e.c.				
	Driving Instructor			1	
	Instructor				1
2799	Other Teaching & Related Occupations, n.e.c.				
	Teacher's Aide			1	
3135	Nursing Attendants				
	Nurse's Aide		1	1	
	Physician's Medical Assistant			1	
	Health Aide				1
3159	Other Occupations in Medicine and Health, n.e.c.				
	Dietary Aide				1
4111	Secretaries & Stenographers				
	Administrative Secretary II			2	
	Pricing Clerk/Secretary			1	
	Receptionist/Secretary			1	
	Secretary	5			1
4113	Typists & Clerk-Typist				
	Clerk-Typist	5		1	
	Clerk-Typist/Secretary			1	
4131	Bookkeepers & Accounting Clerks				
	Accounting Clerk			6	3
	Accounts Receivable Clerk			1	1
	Bookkeeper	4	3	4	5
	Bookkeeper/Typist			1	
	Clerk, General, Accounting & Bookkeeping	11	8		
	Finance Agent			1	
	Junior Accountant	2	1	1	
	Medical Billing Clerk			1	
	Payroll Clerk			1	
	Sales Audit Clerk			1	
	Secretary/Bookkeeper	4	2	4	
	Assistant Bookkeeper				1
	Bookkeeper/Relief Night Auditor				1
	Cash Receipt Accounting Clerk				1
	Clerical Bookkeeper				2
	Credit Union Accountant				1
	Hotel Bookkeeper				1
	Office Manager				1
	Stores Accountant				1
4133	Tellers & Cashiers				
	Bank Teller	1		1	
	Cashier/Bookkeeper			1	
	Cashier/Receptionist	1			
	Clerk			1	
	Credit Union Accountant			1	
	Accounting Cashier/Clerk				1
	Clerk/Cashier				1
	Proof Teller				1

CLERICAL BOOKKEEPING & OFFICE MACHINES
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1 YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
4139	Bookeeping Account-Recording Related Occupations, n.e.c.				
	Credit Clerk	1			
4141	Office Machine Operators				
	Bookkeeping Machine Operator		1	1	
	Calculator 2	1			
4143	Electronic Data Processing Equipment Operators				
	Computer Operator	2			
	Keypunch Operator	2	1		
	Paper Tape Puncher			1	
	Remote Terminal Operator	1			
4153	Shipping & Receiving Clerks				
	Shipping Clerk		1		
4155	Stock Clerks and Related Occupations				
	Inventory Control Clerk			1	
	Inventory/Monetary Controller			1	
4171	Receptionist & Information Clerks				
	Receptionist			2	
4177	Messengers				
	Courier Driver			1	
	Trainee - Fur Company				1
4191	Collectors				
	Sales Clerk				1
4197	General Office Clerks				
	Bank Clerk			1	
	Central Registry Clerk			1	
	Investment Clerk		1		
	Office Clerk		2	5	1
	Invoice Clerk				1
	Bankruptcy Secretary				1
4199	Other Clerical & Related Occupations, n.e.c.				
	Order Clerk	1			
5130	Supervisors: Sales Occupations, Commodities				
	Manager Trainee			1	
5135	Salesmen and Salespersons, Commodities, n.e.c.				
	Store Clerk			1	
5137	Sales Clerks, Commodities				
	Food Cashier				1
5172	Real Estate Salesmen				
	Retail Agent/Leasing Agent			1	
6125	Food & Beverage Serving Occupations, Other				
	Waiter/Waitress/Bartender			1	1

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
6130	Supervisors, Occupations in Lodging and Other Accomodation				
	Reservation Manager				1
6143	Barbers, Hairdressers & Related Occupations				
	Barber/Stylist			1	
6149	Personal Service Occupations, n.e.c.				
	House Parent			1	
6160	Supervisors, Apparel and Furnishing Service Occupations				
	Manager - Dry Cleaning Store				1
6191	Janitors, Charworkers and Cleaners				
	Apartment Block Caretaker				1
8563	Sewing Machine Operators, Textile & Similar Materials				
	Sewing Machine Operator q			3	1
8595	Painting and Decorating Occupations Except Construction				
	Commercial Spray Painter				1
8799	Other Construction Trades Occupations, n.e.c.				
	Operations Maintenance Dispatch Clerk				1
		41	21	59	40

Course: BUSINESS ACCOUNTANCY (4131)

Course type: Certificate

Colleges where course offered: Red River Community College

Course Description:

The Business Accountancy course prepares individuals for occupations concerned with performing a variety of calculating, posting and recording duties. Activities generally include: computing, classifying and recording data to keep sets of financial records; verifying the accuracy of records related to payments, receipts and other transactions; posting entries in ledgers; balancing books and compiling reports. Graduates may find employment as bookkeepers or accounting clerks in a variety of businesses.

Possible Employment Establishments:

Accounting Firms	Hospitals
Government Offices	Banks
Insurance Companies	Other Private Businesses and Industries

Survey Data for Years 1976-1979:

Number of responses:	205
Number employed:	179
Number unemployed and seeking work:	15
Number not seeking work:	11
Percentage who found jobs in Winnipeg:	80.7
Percentage who found jobs in rural Manitoba:	11.9
Percentage who found jobs outside Manitoba:	7.4
Average weekly (hourly) earnings, 1978 grads:	$217.21 ($6.00)

Percentage Employed:

		Male	Female
Graduates:	1977	31.9	68.1
	1978	44.4	55.6

BUSINESS ACCOUNTANCY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1131	Management Occupations: Natural Sciences, Engineering and Mathematics				
	Data Processing Manager			1	
1135	Financial Management Occupations				
	Credit Manager	1			
1149	Other Managers and Administrators, n.e.c.				
	Office Manager		1	2	
1171	Accountants, Auditors and Other Financial Officers				
	Accounting Manager			1	
1179	Occupations Related to Management and Administration, n.e.c.				
	Advertising, Planning and Scheduling Coordinator				1
2163	Draughtsmen/Women				
	Drafting Aide		1		
2333	Occupations in Welfare and Community Services				
	Government Project Manager			1	
2719	University Teaching and Related Occupations, n.e.c.				
	Research Assistant				1
4111	Secretaries and Stenographers				
	Secretary		2	1	
4113	Typists and Clerk-Typists				
	Receptionist/Bookkeeper	1			
	Secretary/Bookkeeper	1			
4131	Bookkeepers and Accounting Clerks				
	Accountant	2	2	5	5
	Accounting Clerk	17	14	19	6
	Auditing Technician	2			
	Bookkeeper/Accountant	3	1	5	
	Day Care Centre Manager			1	
	Financial Agent		1		
	Junior Accountant	3	3	3	2
	Accounting Control Clerk				1
	Accounts Payable Clerk				3
	Accounts Receivable Clerk				1
	Accounting Technician				1
	Billing Clerk				1
	Bookkeeper				2
	Council Clerk				1
	General Accountant				1
	Junior Bookkeeper				1
	Office Clerk				1
	Payroll Clerk				1
	Public Accountant				2
4133	Tellers and Cashiers				
	Bank Teller	3		1	
	Cashier			1	
	Gas Pump Cashier			1	

BUSINESS ACCOUNTANCY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Title	1975	1976	1977	1978
4135	Insurance, Bank and Other Finance Clerks				
	Evaluation Clerk			1	
	Rate Clerk	1			
	Calculator				1
4139	Bookkeeping, Account-Recording and Related Occupations, n.e.c.				
	Senior Traffic Clerk			1	
	Traffic Clerk				1
4153	Shipping and Receiving Clerks				
	Shipper		1	2	
4155	Stock Clerks and Related Occupations				
	Purchasing and Inventory Clerk			1	
	Warehouse Worker			1	
4171	Receptionists and Information Clerks				
	Receptionist/Secretary/Bookkeeper				1
4173	Mail and Postal Clerks				
	Mail Room Clerk		1		
4191	Collectors				
	Collection Clerk			2	
4194	Hotel Clerks				
	Hotel Desk Clerk			1	
4197	General Office Clerks				
	Input Data Clerk			1	
	Office Clerk			1	2
	Order Clerk		1		
	Restaurant General Clerk		1		
5130	Supervisors: Sales Occupations, Commodities				
	Department Manager		1		
	Record Store Manager			1	
5131	Technical Salesperson and Related Advisers				
	Salesperson		1		
5135	Salespersons, Commodities, n.e.c.				
	Automobile Partsperson		1	1	
	Salesman				1
5137	Sales Clerks, Commodities				
	Grocery Clerk		1		
	Sales Clerk				1
5171	Insurance Salesmen and Agents				
	Salesperson - Underwriter		1		
5193	Route Driver				
	Soft Drink Merchandiser	1			
6120	Supervisors, Food and Beverage Preparation and Related Service Occupations				
	Assistant Manager, Waiter/Waitress		1		
	Restaurant Owner				1
6121	Chefs and Cooks				
	Cook's Helper			1	
6123	Bartenders				
	Lounge Bartender				1

BUSINESS ACCOUNTANCY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Title	1975	1976	1977	1978
6125	Food and Beverage Serving Occupations				
	Waiter/Waitress			1	
	Cocktail Waiter/Waitress			1	1
6129	Food and Beverage Preparation and Related Service Occupations, n.e.c.				
	Kitchen Attendant				1
6141	Funeral Directors, Embalmers & Related Occupations				
	Prearrangement Counsellor			1	
7115	Crop Farmers				
	Farmer		1		
8335	Welding and Flame Cutting Occupations				
	Spot Welder, Tinsmith		1		
8533	Electrical and Related Equipment Installing and Repairing Occupations, n.e.c.				
	Tool Fitter	1			
8599	Other Product Fabricating, Assembling and Repairing Occupations, n.e.c.				
	Factory Worker			1	
8799	Other Construction Trades Occupations, n.e.c.				
	Elevator Mechanic		1		
9111	Air Pilots, Navigators and Flight Engineers				
	Helicopter Pilot				1
9315	Material - Handling Equipment Operators, n.e.c.				
	Stack Operator		1		
9317	Packaging Occupations, n.e.c.				
	Production Worker				1
9888	Job Title Not Found				
	Labourer				1
		36	40	58	45

Course:	BUSINESS ADMINISTRATION (1179)
Course type:	Two-Year Diploma
Colleges where course offered:	Red River Community College Assiniboine Community College

Course Description:

The Business Administration course prepares individuals for occupations concerned with carrying out activities directly reaated to management and administration in government, industry, or other organizations. There are four broad categories of management: personnel management, technical production management, financial management and commercial management. The duties and responsibilities of a graduate vary greatly according to the administrative position and type of business.

Possible Employment Establishments:

Governments	Department Stores
Insurance Companies	Investment Dealers
Banks	Other Private Businesses and Industries

Survey Data for Years 1976-1979:

Number of responses:	424
Number employed:	374
Number unemployed and seeking work:	17
Number not seeking work:	31
Percentage who found jobs in Winnipeg:	70.8
Percentage who found jobs in rural Manitoba:	15.0
Percentage who found jobs outside Manitoba:	14.2
Average weekly (hourly) earnings, 1978 grads:	$217.94 ($5.67)

Percentage Employed:

		Male	Female
Graduates:	1977	73.6	26.4
	1978	70.0	30.0

BUSINESS ADMINISTRATION

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1113	Government Administration				
	Government Administration	1			
1116	Inspectors & Regulatory Officers, Government				
	Government Inspector		1		
	Customs Inspector				1
1130	General Managers and Other Senior Officials				
	General Manager	1	3	1	
1135	Financial Management				
	Finance Management	4	3	6	
	Management Trainee - Financial Institution				8
	Assistant Manager - Financial Institution				1
	Customer Service Representative				1
1136	Personnel and Industrial Relations Management Occupations				
	Employee Benefits Consultant Trainee			1	
1137	Sales & Advertising Management Occupations				
	Sales and Advertising Management	1	2	1	
	Business Manager				1
	Management Trainee - Department Store				1
	Assistant Manager - Department Store				1
1141	Purchasing Management Occupations				
	Purchasing Management	2	2	2	
	Office Manager				1
	Assistant Manager - Sporting Goods				1
	Assistant Merchandise Manager				1
1142	Services Management Occupations				
	Body Shop Manager			1	
	Agency Supervisor				1
	Restaurant Manager			3	
1143	Production Management Occupations				
	Production Management	1	1		
1149	Other Managers and Administrators, n.e.c.				
	Administrator	3		7	
	Corporate Trust Administrator				1
	Assistant Warehouse Manager				1
	Senior Accounting Officer				1
1171	Accountants, Auditors & Other Financial Officers				
	Accountant, Auditor	8		18	5
	Public Accountant				1
	Credit Officer				1
	Accountant Trainee				1
	Loans Officer				2
	Junior Accountant				3
	Student Accountant				1
	Accounting Assistant				2
	Corporate Accountant				1
1173	Organization and Methods Analysts				
	Systems Analyst				1
1179	Occupations Related to Management and Administration, n.e.c.				
	Management, Administration	1	4	5	
	Contracts co-ordinator				1
	Assistant Administration Officer				1
	Branch Administration Officer				1
	Development Officer				1

BUSINESS ADMINISTRATION

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
2165	Architectural & Engineering Technologists and Technicians				
	Engineering Technician	1			
	Estimator - Structural Steel			1	
2311	Economists				
	Economist		1		
2333	Occupations in Welfare and Community Services				
	Activities Director - Personal Care Home				1
2739	Elementary and Secondary School Training and Related Occupations, n.e.c.				
	Elementary and Secondary Teacher	1			
3135	Nursing Attendants				
	Responsibility Nurse				1
3159	Other Occupations in Medicine & Health, n.e.c.				
	Radiology Assistant				
	Radiology Assistant			1	
4111	Secretaries and Stenographers				
	Secretary			1	1
	Stenographer			1	
	Stenographer/Receptionist			1	
4130	Supervisors, Bookkeeping, Account-Recording and Related Occupations				
	Bookkeeping, Account-Recording Supervisor	2		8	
	Benefits Supervisor				1
	Office Manager				1
4131	Bookkeepers and Accounting Clerks				
	Bookkeeper, Accounting Clerk	4	21	16	4
	Bookkeeping Operator				1
	Job Costing				1
	Accounting Officer				1
	Hotel Accountant				1
	Accounts Payable Clerk				2
	Stock Trainee				1
	Clerk				1
	Bank Reconcillator				1
4133	Tellers and Cashiers				
	Bank Trainee			1	
4135	Insurance, Bank & Other Finance Clerks				
	Insurance, Bank and Finance Clerk		6	2	
	Pre-Audit Clerk				1
4137	Statistical Clerks				
	Statistics/Analysis Clerk				2
4150	Supervisors: Material Recording, Scheduling and Distributing Occupations				
	Supervisor, Material Recording	1	1		
4151	Production Clerks				
	Materials Provisioner				1
	Production Planner				1
	Operations Co-ordinator				1
4155	Stock Clerks and Related Occupations				
	Order Desk Clerk				1
	Warehouse Worker				1
4159	Material Recording, Scheduling and Distributing Occupations, n.e.c.				
	Service and Warranty Advisor			1	

BUSINESS ADMINISTRATION

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
4169	Library, File and Correspondence Clerks and Related Occupations, n.e.c.				
	Library, File & Correspondence Clerks		1	1	
4170	Supervisors: Reception, Information, Mail and Message Distribution Occupations				
	Supervisory Letter Carrier			1	
4171	Receptionists and Information Clerks				
	Information Processing Clerk				1
	Clerk-Receptionist				1
4173	Mail and Postal Clerks				
	Mail and Postal Clerk		1		
4177	Messengers				
	Parts Driver				1
4190	Supervisors, Other Clerical & Related Occupations, n.e.c.				
	Clerical Supervisor	1			
4191	Collectors				
	Collector		1	2	
	Sales Order Clerk				1
4192	Adjusters, Claim				
	Adjuster	1	10	1	
	Claims Adjuster Trainee				1
4197	General Office Clerks				
	General Office Clerk	1	4	1	
	Clerk III				1
	Management Reports Clerk				1
	Marketing Manager Clerk				1
4199	Other Clerical and Related Occupations, n.e.c.				
	Credit Supervisor			1	
5130	Supervisors: Sales Occupations, Commodities				
	Supervisor, Sales	3	6	13	
	Department Manager				1
	Retail Sports Store Manager				1
5133	Commercial Travellers				
	Commercial Traveller	3	1	1	
	Sales Representative, Agent				5
	Retail Marketing Representative				1
5135	Salesperson, Commodities, n.e.c.				
	Salesperson	1	1		1
	Sales Representative				2
5137	Sales Clerk, Commodities				
	Sales Clerk	1	1	2	1
	Non-Foods Clerk/Cashier				1
5149	Sales Occupations, Commodities, n.e.c.				
	Sales	1			
5170	Supervisors: Sales Occupations, Services				
	Supervisor, Sales-Service	1			
5171	Insurance Sales Occupations and Agents				
	Insurance Salesperson	2		2	
	Marketing Representative				1
5172	Real Estate Sales Occupations				
	Real Estate Salesperson		2	2	

BUSINESS ADMINISTRATION

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
5173	Sales Agents and Traders, Securities Sales Representative				1
5174	Advertising Sales Occupations Advertising Salespersons		1		
5191	Buyers, Wholesale and Retail Trade Buyer, Wholesale and Retail Trade		1		
6111	Fire-Fighting Occupations Fire-Fighter	1		1	
6121	Chefs and Cooks Short Order Cook			1	
6125	Food and Beverage Serving Occupations Waiter/Waitress Bartender/Cocktail Waitress		1		1
7511	Forestry Construction Occupations Forestry Silvaculturalist/Fire-Fighter				1
7719	Mining and Quarrying Including Oil and Gas Field Occupations, n.e.c. Long Hole Driller			1	
8155	Forming Occupations: Clay, Glass and Stone Glass Assembler				1
8510	Foreman/Woman, Fabricating and Assembling Occupations, Metal Products, n.e.c. Swing Hand			1	
8529	Other Fabricating and Assembling Occupations, Metal Products, n.e.c. Shopworker			1	
8581	Motor-Vehicle Mechanics and Repairers Motor-Vehicle Mechanic		1		
8583	Rail Transport Equipment Mechanics & Repairers Rail Transport Equipment Mechanic		1		
8711	Excavating, Grading and Related Occupations Evacuators and Graders		1	1	
8715	Railway Section Workers & Track Workers Railway Sectioners and Trackperson		1		
8780	Foremen/Women, Other Construction Trades Occupations Construction Manager				1
8782	Brick & Stone Masons and Tile Setters Brick and Stone Mason		1		
8791	Pipefitting, Plumbing & Related Occupations, n.e.c. Pipefitting, Plumbing		1		
8798	Occupations in Labouring and Other Elemental Work, Other Construction Trades Construction Worker		1		
9131	Locomotive Operating Occupations Carshop Planner				1
9313	Longshore Workers, Stevedores, and Freight Handlers Furniture Mover				1
		47	83	111	98

Course: HOTEL AND RESTAURANT ADMINISTRATION (1142)
Course type: Two-Year Diploma
Colleges where course offered: Red River Community College

Course Description:

The Hotel and Restaurant Administration course prepares individuals for managerial and supervisory positions in the hotel/motel . restaurant industry. Supervisory activities in hotels generally include; directing and coordinating services and activities such as lodging, food, beverage, personnel, sales, accounting, publicity, banquet and convention facilities, implementing policies on matters such as credit allowances, etc. Graduates may find employment as front desk supervisors; coffee shop managers or sales representatives, and be responsible for any one or more of the above activities. Similarly, supervisory opportunities are available in restaurants, private clubs and catering services. Activities may include: negotiating arrangements with clients for use of the facilities; planning and directing dining room, bar and banquet operation; establishing food policies, etc.

Possible Employment Establishments:

Hotels
Restaurants
Private Clubs

Survey Data for Years 1976-1979:

Number of responses:	31
Number employed:	28
Number unemployed and seeking work:	2
Number not seeking work:	1
Percentage who found jobs in Winnipeg:	74.1
Percentage who found jobs in rural Manitoba;	3.7
Percentage who found jobs outside Manitoba:	22.2
Average weekly (hourly) earnings, 1978 grads:	$253.00 ($6.42)

Percentage Employed:		Male	Female
Graduates:	1977	45.5	54.5
	1978	50.0	50.0

HOTEL AND RESTAURANT ADMINISTRATION

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1142	Service Management Occupations				
	Hotel Management Trainee			1	1
	Maitre d'	1			
	Hotel General Manager				1
	Coffee Shop Manager				1
1149	Other Managers and Administrators, n.e.c				
	General Manager	1			
1175	Purchasing Officers and Buyers, Except Wholesale and Retail Trade				
	Assistant Purchasing Manager			1	
2391	Educational and Vocational Counsellors				
	Youth Hostel Worker			1	
4113	Typists and Clerk-Typists				
	Receptionist/Secretary			1	
4131	Bookkeepers and Accounting Clerks				
	Revenue Clerk		1		
4193	Travel Clerks, Ticket, Station & Freight Agents				
	Tour Coordinator			1	
5172	Real Estate Sales Occupations				
	Realtor	1			
5177	Business Services Sales Occupations				
	Sales Representative (Convention)		1		
5193	Route Driver				
	Mobile Truck Trainee			1	
6120	Supervisors, Food and Beverage Preparation and Related Service Occupations				
	Assistant Manager, Beverage Room	1	1		
	Banquet Manager			1	
	Restaurant Manager	1	1		
	Room Service Manager			1	
	Restaurant Supervisor			1	1
	Food Services Supervisor				1
6130	Supervisors, Occupations in Lodging and Other Accomodations				
	Executive Houseman/Woman			1	
9173	Taxi Drivers and Chauffeurs				
	Cab Driver	1			
9179	Motor Transport Operating Occupations, n.e.c.				
	Taxi Dispatcher	1		1	
	71	7	4	11	5

Course: COMPUTER ANALYST/PROGRAMMER (2183)

Course Type: Two-year Diploma

Colleges Where Course Offered: Red River Community College

Course Description:

The Computer Analyst/Programmer course prepares individuals for occupations concerned with planning, implementing and controlling electronic data-processing services and programming computer systems. Activities generally include: analyzing a business problem, writing computer programs and providing advice on availability and use of electronic data-processing resources and capabilities. Employment opportunities exist in diversified areas such as scientific research, communications and business accounting.

Possible Employment Establishments:

- Computer service companies
- Governments
- Education institutions
- Insurance companies
- Accountants and management consultants
- Other private businesses and industries

SURVEY DATA FOR YEARS 1976-1979

Number of responses:	118
Number employed:	116
Number unemployed and seeking work:	1
Number not seeking work:	1
Percentage who found jobs in Winnipeg:	90.4
Percentage who found jobs in rural Manitoba:	0.9
Percentage who found jobs outside Manitoba:	8.7
Average weekly (hourly) earnings, 1978 grads:	$256.71 ($6.78)

Percentage Employed:

		Male	Female
Graduates:	1977	67.7	32.3
	1978	56.8	43.2

COMPUTER ANALYST/PROGRAMMER

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1131	Management Occupations: Natural Sciences, Engineering and Mathematics				
	Branch Manager		1		
	Data Processing Manager			1	
	Manager - EDP Department				1
2183	Systems Analysts, Computer Programmers and Related Occupations				
	Applications Programmer		1		1
	Application Programmer/Analsyt			1	
	Computer Programmer	10	2	16	11
	Computer Programmer/Analyst	7	10	4	11
	Computer Programmer/Operator			1	
	Data Management Technician			1	
	Group Systems Analyst			1	
	Intermediate Computer Programmer	1			1
	Junior Programmer	2	3		2
	Management Consultant	1			
	Senior Consultant - Computers			1	
	Senior Programmer			1	1
	Systems Analyst	2	2	1	
	Programmer				1
	Junior Maintenance Programmer				1
	Computer Systems Engineer				1
	Commercial Systems Analyst				1
	Systems Support Programmer				1
	Computer Programmer Consultant				1
2791	Community College & Vocational School Teachers				
	Computer Programming Instructor		1		
3132	Nursing Aides and Orderlies				
	Nursing Home Orderly			1	
4113	Typists and Clerk-Typists				
	Clerk-Typist	1			
4133	Tellers and Cashiers				
	Teller	1			
4141	Office Machine Operators				
	Proof Machine Operator			1	
4143	Electronic Data-Processing Equipment Operators				
	Computer Operator II			1	
	Computer Operator				1
4151	Production Clerks				
	Production Control Clerk				1
5133	Commercial Travellers				
	Food Salesperson		1		
5137	Salesmen and Salespersons, Commodities, n.e.c.				
	Food Clerk			1	
7181	General Workers, Farm				
	Farm Laborer				1
		25	21	32	37

Course: COMMERCIAL AND INDUSTRIAL SALES (5133)

Course type: Certificate

Colleges where course offered: Red River Community College

Course Description:

The Commercial and Industrial Sales course prepares individuals for occupations concerned with selling commodities on a wholesale basis in an allotted geographical area of wholesale, retail, industrial, professional or other establishments. Activities generally include: soliciting orders from established clientele; securing new customers; showing samples or catalogue illustrations of products to prospective buyers; explaining the merit of the product; quoting prices; arranging delivery schedules and resolving customer complaints. Students who obtain a certificate in Basic Salesmanship are generally employed in areas involved in selling, renting and demonstrating goods and services.

Possible Employment Establishments:

- Wholesale Distributors
- Investment Companies
- Manufacturers
- Food Industries
- Other Private Businesses and Industries

Survey Data for Years 1976-1979

Number of responses:	66
Number employed:	60
Number unemployed and seeking work:	3
Number not seeking work:	3
Percentage who found jobs in Winnipeg:	85.0
Percentage who found jobs in rural Manitoba:	5.0
Percentage who found jobs outside Manitoba:	10.0
Average weekly (hourly) earnings, 1978 grads:	$258.62 ($6.63)

NOTE: Successful completion of Terms I and II leads to a certificate of attainment in Basic Salesmanship; successful completion of Term III leads to a certificate in attainment in Commercial and Industrial Sales.

Percentage Employed:

		Male	Female
Graduates:	1977	89.5	10.5
	1978	92.3	7.7

COMMERCIAL AND INDUSTRIAL SALES

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1130	General Managers & Other Senior Officials				
	Industrial Regional Manager			1	
	Vice-President		1		
1137	Sales and Advertising				
	Sales Manager			1	
1142	Services Management Occupations				
	Restaurant Manager			1	
	Restaurant Owner		1		
1173	Organization and Methods Analysts				
	Management Consultant	1			
1175	Purchasing Officers and Buyers, Except Wholesale and Retail Trade				
	Purchasing Agent	1			
1179	Occupations Related to Management and Administration, n.e.c.				
	Field Marketing Representative		2		
2799	Other Teaching and Related Occupations, n.e.c.				
	English Teacher				1
4194	Hotel Clerks				
	Hotel Desk Clerk		1		
5130	Supervisors: Sales Occupations, Commodities				
	Assistant Manager		1		
	Managing Supervisor	1			
	Area Manager				1
5131	Technical Salesperson and Related Advisers				
	Construction Equipment Sales Trainee			1	
	Sales Representative	1	1	2	
	Salesman				1
5133	Commercial Travellers				
	Account Representative			1	
	Sales Representative	5	4	8	1
	Outside Salesman				1
5135	Salespersons, Commodities, n.e.c.				
	Car Salesperson	1			
	Drapery Salesperson			1	
	Partsperson			1	
	Salesperson - Furniture			1	
	New/Used car Sales Representative				1
	Sales Representative				2
	Sales Trainee				1
5137	Sales Clerks, Commodities				
	Grocery Store Clerk		1		
5171	Insurance Sales Occupations and Agents				1
	Marketing Representative Trainee				1
	Marketing Representative				
5172	Real Estate Sales Occupations				
	Real Estate Salesperson -		1		
5177	Business Services Sales Occupations				
	Sales Representative	1		1	
	Marketing Representative				1
6123	Bartenders				
	Cocktail Bartender				1
8711	Excavating, Grading & Related Occupations				
	Gradeperson	1			
		12	13	19	13

SECTION III

APPLIED ARTS DIVISION

		Page
A.	Cosmetics/Hairstylists	
	i) Barbering	64
	ii) Cosmetology/Hairdressing	66
B.	Food Services	
	i) Chef Training	68
	ii) Commercial Cooking	70
	iii) Commercial Baking	72
	iv) Meat Cutting	74
C.	Applied Arts/Sciences	
	i) Creative Communications	76
	ii) Advertising Art	79
	iii) Graphic Arts	81
	iv) Photographic Technician	83
	v) Library Technician	85
	vi) Watch Repair	87
	vii) Commercial Art	89

Course: BARBERING (6143)
Course Type: Certificate
Colleges Where Course Offered: Red River Community College

Course Description:

The Barbering course prepares individuals for occupations concerned with cutting and styling men's hair. Activities generally include: cutting, trimming, styling, permanent waving, colouring and blow-drying hair, trimming and shaping beards and moustaches, performing facial and scalp conditioning, and recommending and fitting hairpieces. Graduates who complete one year of experience in a barber or style shop automatically qualify for a Journeyman's License. After another two years of experience individuals may apply for a Master's License which allows them to own and operate a shop.

Possible Employment Establishments:

Barbering and hairstyling shops
Vocational schools

Survey Data for Years 1976-1979

Number of responses:	29
Number employed:	28
Number unemployed and seeking work:	Nil
Number not seeking work:	Nil
Percentage who found jobs in Winnipeg:	74.1
Percentage who found jobs in rural Manitoba:	25.9
Percentage who found jobs outside Manitoba:	Nil
Average weekly (hourly) earnings, 1978 grads:	$161.57 ($3.80)

Percentage Employed:

		Male	Female
Graduates:	1977	44.4	55.6
	1978	14.3	85.7

BARBERING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
2733	Secondary School Teachers Teacher, Vocational	1			
6143	Barbers, Hairdressers and Related Occupations Hair Stylist	5	6	9	7
		6	6	9	7

Course: COSMETOLOGY/HAIRDRESSING (6143)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College
Assiniboine Community College
Keewatin Community College

Course Description:

The Cosmetology/Hairdressing course prepares individuals for occupations concerned with styling hair and performing other beauty services for women. Activities generally include: cutting, trimming, styling, permanent waving, colouring, rolling and blow-drying hair, and performing facial conditioning treatments, and manicures. Graduates may find employment in any of the following occupations: hair stylist, hair colouring technician, permanent waving technician, scalp and hair specialist, facial expert, make-up artist and manicurist. Graduates are required to write a government regulated examination to receive a Professional Operator's License. After working in a salon for two years, individuals are eligible to apply for a Salon License which entitles them to own and operate a shop.

Possible Employment Establishments:

Hairdressing salons
Nursing homes

Survey Data for Years 1976-1979

Number of responses:	106
Number employed:	85
Number unemployed and seeking work:	12
Number not seeking work:	9
Percentage who found jobs in Winnipeg:	27.1
Percentage who found jobs in rural Manitoba:	54.1
Percentage who found jobs outside Manitoba:	18.8
Average weekly (hourly) earnings, 1978 grads:	$150.66 ($4.06)

Percentage Employed:

79

		Male	Female
Graduates:	1977	4.3	95.7
	1978	0.0	100.0

COSMETOLOGY/HAIRDRESSING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
3135	Nursing Aides and Orderlies				
	Nursing Assistant I	1			
3139	Nursing, Therapy and Related Assisting Occupations, n.e.c.				
	Sitter/Attendant		1		
3152	Dietitians and Nutritionists				
	Dietary Aide	1			
4133	Tellers and Cashiers				
	Store Cashier			1	
4171	Receptionists and Information Clerks				
	Office Receptionist				1
4193	Travel Clerks, Ticket, Station & Freight Agents				
	Ticket Clerk			1	
4197	General Office Clerks				
	Office Clerk	1			
5137	Sales Clerk, Commodities				
	Food Clerk		1		
6119	Protective Service Occupations, n.e.c.				
	Life Guard			1	
6125	Food and Beverage Serving Occupations				
	Waiter/Waitress		1		
6143	Barbers, Hairdressers and Related Occupations				
	Beauty Counsellor			1	
	Cosmetician			2	1
	Cosmetician (Hairdresser)	3	3		3
	Hair Stylist	12	9	12	4
	Salon Manager	4	1	1	
	Salon Owner			3	1
	Hairdresser				13
9135	Railway Transport Operating Support Occupations				
	Car Control Clerk			1	
		22	16	23	23

Course: CHEF TRAINING (6121)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Chef Training course is designed to provide the basic practical training needed to fulfill the requirements of industry. Theory is geared to cover the essentials and provides sufficient information to allow students to upgrade and advance to other parts of the food services field. Students have a certain amount of freedom in suggesting topics for their work in Chef Training. Being part of a huge, ever-expanding service industry and being among the nation's biggest employers, this field provides not only a high level of employment, but also a great variety of positions and mobility.

Possible Employment Establishments:

Clubs	Chain stores	Restaurants
Lodges	Catering companies	Institutions
Small and large stores	Resorts	Specialty Houses

Survey Data From 1977-78 Graduates

Number of responses:	9
Number employed:	9
Number unemployed and seeking work:	Nil
Number not seeking work:	Nil
Percentage who found jobs in Winnipeg:	77.8
Percentage who found jobs in rural Manitoba:	11.1
Percentage who found jobs outside Manitoba:	11.1
Average weekly (hourly) earnings, 1978 grads:	$237.40 ($6.14)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	83.3	16.7

CHEF TRAINING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1977	1978
6120	Supervisors, Food and Beverage Preparation and Related Service Occupations		
	Chef	1	
	Chef De Cuisine		1
	Pastry Chef		1
	Catering Company - Owner/Operator		1
6121	Chefs and Cooks		
	Night Saucier	1	
	Second Cook	1	
	First Cook		1
	Cook		2
		3	6

Course:	COMMERCIAL COOKING (6121)
Course Type:	Certificate
Colleges Where Course Offered:	Red River Community College Keewatin Community College

Course Description:

The Commercial Cooking course prepares individuals for occupations concerned with preparing, seasoning and cooking, by appropriate methods, foodstuffs such as meat, vegetables and desserts. Activities generally include: estimating food requirements; obtaining, measuring and mixing food ingredients; regulating temperature of cooking equipment; baking, roasting, broiling and steaming food; seasoning; carving meat; portioning food on serving plates; and garnishing.

Possible Employment Establishments:

Restaurants	Institutions
Hotels	Catering services
Railways	Camps

Survey Data For Years 1976-1979

Number of responses:	35
Number employed:	24
Number unemployed and seeking work:	4
Number not seeking work:	7
Percentage who found jobs in Winnipeg:	52.2
Percentage who found jobs in rural Manitoba:	21.7
Percentage who found jobs outside Manitoba:	26.1
Average weekly (hourly) earnings, 1978 grads:	$159.21 ($3.90)

Percentage Employed:

		Male	Female
Graduates:	1977	85.7	14.3
	1978	42.9	57.1

COMMERCIAL COOKING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1141	Purchasing Management Occupations				
	Manager				1
3135	Nursing Aides				
	Nurse's Aide			1	
3330	Producers and Directors, Performing and Audiovisual Arts				
	Film Editor			1	
4111	Secretaries and Stenographers				
	Secretary				1
4133	Tellers and Cashiers				
	Grocery Store Cashier				1
6120	Superviosrs, Food and Beverage Preparation and Related Service Occupations				
	Food Service Manager				1
6121	Chefs and Cooks				
	Cook		1	3	
	Institutional Cook			1	
	Third Cook			1	
	Chef				1
	Head Cook				1
	Restaurant Cook				1
	Assistant Cook				1
	Sauce Cook				1
	Preparation Cook				1
	Salad Girl				1
	Short-Order Cook				2
6191	Janitors, Charworkers and Cleaners				
	Cleaner			1	1
8213	Baking, Confectionary Making and Related Occupations				
	Baker's Helper	1			
		1	1	8	14

Course:	COMMERCIAL BAKING (8213)
Course Type:	Certificate
Colleges Where Course Offered:	Red River Community College

Course Description:

The Commercial Baking course prepares individuals for occupations concerned with preparing ingredients and baking breads, cakes, cookies, pies and specialty foods according to recipes. Activities generally include: obtaining, measuring and mixing ingredients; shaping dough; regulating oven temperatures; and cleaning and adjusting machines and equipment. Graduates begin their employment as bakers' helpers and advance to positions as competent tradespeople within approximately one year.

Possible Employment Establishments:

Food manufacturers
Baking including bakeries in food store chains

Survey Data For Years 1976-1979

Number of responses:	38
Number employed:	29
Number unemployed and seeking work:	6
Number not seeking work:	3
Percentage who found jobs in Winnipeg:	82.8
Percentage who found jobs in rural Manitoba:	13.8
Percentage who found jobs outside Manitoba:	3.4
Average weekly (hourly) earnings, 1978 grads:	$228.75 ($6.12)

Percentage Employed:

		Male	Female
Graduates:	1977	33.3	66.7
	1978	53.8	46.2

COMMERCIAL BAKING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
3135	Nursing Aides				
	Nurse's Aide			1	
4131	Bookkeepers and Accounting Clerks				
	Payroll Clerk				1
4133	Tellers and Cashiers				
	Hostess/Cashier				1
	Store Cashier				1
4155	Store Clerks and Related Ocuupations				
	Warehouse Personnel			1	
5135	Salespersons, Commodities, n.e.c.				
	Clothing Salesman		1		
6115	Guards and Related Security Occupations				
	Security Guard		1		
6120	Food and Beverage Serving Occupations				
	Dining Room Assistant			1	
6121	Chefs and Cooks				
	Assistant Cook			2	
	Chef				1
8210	Foremen/Women: Food, Beverage and Related Processing Occupations				
	Bakery Supervisor			1	
	Bakery Manager	1			
8213	Baking, Confectionary Baking & Related Occupations				
	Baker			3	2
	Baker's Helper			2	2
	Pastry Baker	1	1	1	
	Bread Baker				1
	Cake Decorator				1
8715	Railway Section and Track Workers				
	Track Maintainer				1
9317	Packaging Occupations, n.e.c.				
	Bakery Packer				1
		2	2	12	13

Course:	MEAT CUTTING (8215)
Course Type:	Certificate
Colleges Where Course Offered:	Red River Community College

Course Description:

The Meat Cutting course prepares individuals for occupations concerned with cutting, tying, trimming and grinding various types of meat, fish and poultry. Activities include: setting up counter displays, weighing and wrapping meat and arranging and wrapping freezer orders. After gaining experience, meat cutters may find employment as meat graders, government inspectors and in rural business.

Possible Employment Establishments:

Grocery stores
Meat stores
Meat processors and packers

Survey Data For Years 1976-1979

Number of responses:	29
Number employed:	29
Number unemployed and seeking work:	Nil
Number not seeking work:	Nil.
Percentage who found jobs in Winnipeg:	55.2
Percentage who found jobs in rural Manitoba:	31.0
Percentage who found jobs outside Manitoba:	13.8
Average weekly (hourly) earnings, 1978 grads:	$294.70 ($7.49)

Percentage Employed:

		Male	Female
Graduates:	1977	90.9	9.1
	1978	90.0	10.0

MEAT CUTTING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
5130	Supervisor: Sales Occupations, Commodities				
	Grocery Store Manager		1	1	
8210	Foremen/Women: Food, Beverage and Related Processing Occupations				
	Meat Manager				1
	Assistant Meat Manager				2
	Meat Department Manager	2			
8215	Slaughtering and Meat Cutting, Canning, Curing and Packing Operations				
	Meat Cutter	2	2	8	7
8228	Operations in Labouring and Other Elemental Work: Food, Beverage & Related Processing				
	Meat Packing Labourer			1	
8583	Rail Transport Equipment Mechanics and Repairers				
	Carperson			1	
9155	Deck Crew, Ship				
	Commercial Fisherman/Woman - Deckhand			1	
		4	3	12	10

Course:	CREATIVE COMMUNICATIONS (3351)
Course Type:	Two-year Diploma
Colleges Where Course Offered:	Red River Community College

Course Description:

The Creative Communications course prepares individuals for occupations concerned with preparing written material for publication in newspapers, books and magazines, as well as preparing materials for information or entertainment through radio and television broadcasting. Activities generally include: searching, interviewing and writing to prepare material, selecting and revising written material, preparing advertising campaigns and public relations projects. Graduates may find a variety of employment opportunities as qualified writers.

Possible Employment Establishments:

Direct mail firms	Newspapers
Advertising agencies	Trade and Consumer magazines
Department stores	Public Relations departments
Government Information Services	Television stations
Radio stations	Other private businesses and industries

Survey Data For Years 1976-1979

Number of responses:	84
Number employed:	67
Number unemployed and seeking work:	9
Number not seeking work:	7
Percentage who found jobs in Winnipeg:	73.1
Percentage who found jobs in rural Manitoba:	15.0
Percentage who found jobs outside Manitoba:	11.9
Average weekly (hourly) earnings, 1978 grads:	$222.83 ($6.98)

Percentage Employed:

		Male	Female
Graduates:	1977	15.4	84.6
	1978	38.9	61.1

CREATIVE COMMUNICATIONS

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1174	Personnel and Related Officers			1	
	Employment Supervisor - Coordinator				
1179	Occupations Related in Management and Administration, n.e.c.		1		
	Advertising Coordinator			1	
	Assistant Information Officer				1
	Public Relations Director				1
	Public Relations Consultant				1
	Account Executive				
2731	Elementary and Kindergarten Teachers			1	
	Student Supervisor				
2799	Other Teaching and Related Occupations, n.e.c.			1	
	Audti- Visual Technician				
3135	Nursing Attendants				1
	Unit Assistant				
3314	Advertising and Illustrating Artists		1		
	Advertising Coordinator				
3315	Photographers and Camera Operators			2	
	Television Camera Operator				
3339	Occupations in Performing & Audiovisual Arts, n.e.c.			1	
	Production Assistant				
3351	Writers and Editors, Publication	1			
	Adminstration Manual Coordinator		2	2	
	Advertising Copywriter		1		
	Assistant Editor			1	
	Community Newspaper Journalist	1	1	1	2
	Information Writer	1	1		
	Market Editor - Junior Reporter	2			
	Newspaper Editor	3	1	2	1
	Newspaper Reporter		1		
	Reporter/Announcer			1	
	Senior Copywriter				1
	Sports Writer				1
	Newspaper Reporter/Photographer	1	1		
	Commercial Writer/Producer		1		
	Free Lance Writer	2	1		2
	Radio Copywriter	1		1	1
	Television Copywriter			2	
	T. . and/or Radio News Writer/Announcer				
3353	Writers and Editors: Radio, Television, Theatre and Motion Pictures				1
	Producer/Researcher - Talk Show				1
	Commercial Television Writer/Producer				1
	Commercial Production Assistant				
4151	Production Clerks			1	
	Sales Clerk				
4171	Receptionists and Information Clerks			1	
	Laboratory Receptionist				
4177	Messengers			1	
	Delivery Driver				

CREATIVE COMMUNICATIONS
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates'' Reported Job Titles	1975	1976	1977	1978
4195	Personnel Clerks Career Consultant		1		
4197	General Office Clerks Junior Office Clerk	1			
5135	Salesmen and Salespersons, Commodities,n.e.c. Salesperson	1	1		
	Hardware Salesman				1
5173	Salespersons and Traders, Securities Grain Trader		1		
8718	Occupations in Labouring and Other Elemental Work: Excavating, Grading and Paving Construction Laborer				1
9553	Telegraph Operators CRT Telegraph Operator				1
		14	18	17	18

Course: ADVERTISING ART (3314)

Course Type: Two-year Diploma

Colleges Where Course Offered: Red River Community College

Course Description:

The Advertising Art course prepares individuals for occupations concerned with creating illustrations, designs, cartoons and caricatures for books, magazines, posters, newspapers, roadside billboards and television commercials for the purposes of advertising, illustrating and distributing information. Activities may include: designing art layouts, retouching photographs, sketching and lettering. Graduates may find employment as layout artists, retouching artists, illustrating artists and free-lance artists.

Possible Employment Establishments:

- Advertising agencies
- Retail stores
- Commercial art studios
- Newspapers
- Magazines
- Television-Graphic and Film departments
- Other private business

Survey Data for Years 1976-1979

Number of responses:	39
Number employed:	35
Number unemployed and seeking work:	2
Number not seeking work:	2
Percentage who found jobs in Winnipeg:	100.0
Percentage who found jobs in rural Manitoba:	Nil
Percentage who found jobs outside Manitoba:	Nil
Average weekly (hourly) earnings, 1978 grads:	$221.80 ($4.95)

Percentage Employed:

		Male	Female
Graduates:	1977	50.0	50.0
	1978	80.0	20.0

ADVERTISING ART

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
3313	Product and Interior Designers				
	Junior Designer	2			
3314	Advertising and Illustrating Artists				
	Advertising Artist	3			1
	Advertising Designer			1	1
	Art Director	1		1	
	Commercial Artist			1	
	Creative Layout Artist			1	
	Graphic Artist			1	
	Graphic Designer	4	2	1	
	Intermediate Artist	1			
	Layout Artist	2			
	Medical Illustrator			1	
	Newspaper Editorial Illustrator			1	
	Production Artist		1		
	Artist/Technician				1
3315	Photographers and Camera Operators				
	Photograph Retoucher		1		
3319	Occupations in Fine and Commercial Art, Photography and Related Fields, n.e.c.				
	Paste-up Artist			2	1
	Visual Presenter		1		
5133	Commercial Travellers				
	Sales Representative and Manager - Silk Screen Plant				1
6191	Janitors, Charworkers and Cleaners				
	Janitor			1	
		13	5	11	5

Course: GRAPHIC ARTS (3319)
Course Type: Certificate
Colleges Where Course Offered: Red River Community College

Course Description:

The Graphic Arts course prepares individuals for occupations concerned with operating printing presses to print illustrations, designs and text on paper and textiles. Activities include: photographic material and producing a plate from the negative; setting up and operating a variety of offset printing presses; and binding printed material. Graduates may find employment as typesetters, paste-up artists, press operators, salespeople, production controllers and cost estimators.

Possible Employment Establishments:

- Publishers
- Graphic products supplies
- Printers
- Paint and ink companies
- Other private businesses and industries

Survey Data For Years 1976-1979

Number of responses:	39
Number employed:	34
Number unemployed and seeking work:	3
Number not seeking work:	2
Percentage who found jobs in Winnipeg:	85.3
Percentage who found jobs in rural Manitoba:	5.9
Percentage who found jobs outside Manitoba:	8.8
Average weekly (hourly) earnings, 1978 grads:	$198.36 ($5.03)

Percentage Employed:

		Male	Female
Graduates:	1977	62.5	37.5
	1978	54.5	45.5

GRAPHIC ARTS

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1136	Personnel and Industrial Relations Management Occupations				
	Plant Manager		1		
3314	Advertising and Illustrating Artists				
	Production Printer	1			
	Layout Artist/Photo Typesetter				1
	Artistic Director				1
3319	Occupations in Fine and Commercial Art, Photography and Related Fields, n.e.c.				
	Cameraperson/Stripper			1	
	Graphic Designer			1	
	Paste-Up Artist	1		2	
	Paste-Up Artist/Cameraperson			1	
	Paste-Up Artist/Typesetter			1	
	Graphic Artist				2
	Copy Preparation				1
3330	Occupations in Performing & Audiovisual Arts, n.e.c.				
	Stage Producer			1	
5133	Commercial Travellers				
	Sales Representative & Coordinator	1			
	Salesperson			1	
5137	Sales Clerks, Commodities				
	Grocery Store Clerk	1			
7115	Crop Farmers				
	Farmer			1	
8533	Electrical and Related Equipment Installing and Repairing Occupations, n.e.c.				
	Sewing Machine Adjuster	1			
8573	Moulding Occupations, Rubber, Plastic and Related Products				
	Press Operator			1	
9511	Typesetting and Composing Occupations				
	Typesetter		1		
	Photo Computerized Typesetter				
9512	Printing Press Occupations				
	Apprentice Printer		1	1	
	Offset Presser			1	1
	Printer		1		
	Press Operator				3
9515	Photoengraving and Related Occupations				
	Printing Stripper				1
9517	Bookbinding and Related Occupations				
	Cheshire Operator/Bindery Helper				1
9591	Photographic Processing Occupations				
	Negative Compositor		1		
		6	5	12	11

Course: PHOTOGRAPHIC TECHNICIAN (3315)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Photographic Technician course prepares individuals for occupations concerned with photographing people, events, scenes, materials and products with still and television cameras. Activities include: conceiving artistic and special effects, arranging and preparing subject matter, devising and setting up special photographic equipment and processing film. Graduates may find employment in the commercial, industrial, educational, portraiture, medical, scientific and technical fields.

Possible Employment Establishments:

- Hospitals
- Governments
- Negative and film processors
- Department stores
- Other private businesses and industries

Survey Data for Years 1976-1979

Number of responses:	36
Number employed:	31
Number unemployed and seeking work:	2
Number not seeking work:	3
Percentage who found jobs in Winnipeg:	80.0
Percentage who found jobs in rural Manitoba:	13.3
Percentage who found jobs outside Manitoba:	6.7
Average weekly (hourly) earnings, 1978 grads:	$225.00 ($5.79)

Percentage Employed:

		Male	Female
Graduates:	1977	83.3	16.7
	1978	71.4	28.6

PHOTOGRAPHIC TECHNICIAN

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1142	Service Management Occupations				
	Assistant Manager		1		
1149	Other Managers and Administrators				
	Real Estate Manager			1	
3315	Photographers and Camera Operators				
	Assistant Photographer		1		
	Commercial Photographer		1		
	Newspaper Photographer			1	
	Photographer				1
	Studio Photographer				2
	Portrait Photographer				1
	Child Photographer				1
4151	Production Clerks				
	Schedule Desk Clerk		1		
4192	Adjusters, Claim				
	Insurance Adjuster			1	
5135	Salespersons, Commodities, n.e.c.				
	Salesperson		1		
5137	Sales Clerks, Commodities				
	Sales Clerk	1	1		
6149	Personal Service Occupations, n.e.c.				
	Night Attendant (Child Care & Security)	1			
8531	Electrical Equipment Fabricating and Assembling Occupations				
	Factory Assembler				1
8733	Construction Electricians & Repairers				
	Electrician's Apprentice			1	
8799	Other Construction Trades Occupations, n.e.c.				
	Carpet Installer		1		
9591	Photographic Processing Occupations				
	Dark Room Technician	1		1	
	Photographic Technician	4		3	
	Print Finisher - Lead Operator				1
		7	7	8	7

Course: LIBRARY TECHNICIAN (2353)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Library Technician course prepares individuals for occupations concerned with assisting librarians in developing, organizing and maintaining a collection of library material. Activities include: searching bibliographic data, preparing acquisition lists, recording information on catalogue cards, assisting readers searching for material, arranging displays and operating audio-visual equipment.

Possible Employment Establishments:

Public libraries	Government libraries
University libraries	Private business libraries
School libraries	Newspaper libraries

Survey Data For Years 1976-1979

Number of responses:	73
Number employed:	65
Number unemployed and seeking work:	5
Number not seeking work:	3
Percentage who found jobs in Winnipeg;	96.9
Percentage who found jobs in rural Manitoba:	Nil
Percentage who found jobs outside Manitoba:	3.1
Average weekly (hourly) earnings, 1978 grads:	$171.36 ($5.27)

Percentage Employed:

		Male	Female
Graduates:	1977	15.4	84.6
	1978	0.0	100.0

LIBRARY TECHNICIAN

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
2351	Librarians and Archivists				
	Assistant Librarian	1			
2353	Technicians in Library, Museum and Archival Sciences				
	Library Assistant	1	1	2	2
	Library Technician	16	11	10	13
	Library Technician/External Credits			1	
4155	Store Clerks and Related Occupations				
	Purchasing Clerk	1			
4161	Library and File Clerks				
	Library Assistant	1			
	Library Clerk	1	1		
	Circulation Clerk		1		
4175	Telephone Operators				
	Switchboard Operator		1		
		21	15	13	15

Course: WATCH REPAIR (8587)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Watch Repair course prepares individuals for occupations concerned with repairing watches and clocks and mechanical movements used in clockwork-operated devices, such as timers, meters and recorders. Activities generally include: replacing parts, cleaning, adjusting, calibrating and refinishing watches, clocks and dial indicators. Graduates of Watch Repair enter the trade at the level of improver. After one year of working experience, individuals are eligible to write the Canadian Jewellers Institute examination to qualify as a certified watchmaker.

Possible Employment Establishments:

Jewellery stores	Banks
Watch manufacturers	Aircraft factories

Survey Data For Years 1976-1979

Number of responses:	11
Number employed:	11
Number unemployed and seeking work:	Nil
Number not seeking work:	Nil
Percentage who found jobs in Winnipeg:	18.2
Percentage who found jobs in rural Manitoba:	63.6
Percentage who found jobs outside Manitoba:	18.2
Average weekly (hourly) earnings, 1978 grads:	$151.25 ($4.72)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
"	1978	100.0	0.0

WATCH REPAIR

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
8580	Foremen/Women: Mechanics and Repairers, n.e.c.				
	Manager - Watch Department				1
8587	Watch and Clock Repairers				
	Watch Repairer	3	1	2	1
	Watchmaker/Clockmaker				1
	Watchmaker				1
8591	Jewellery and Silverware Fabricating, Assembling and Repairing Occupations				
	Goldsmith			1	
		3	1	3	4

Course:	COMMERCIAL ART (3314)
Course Type:	Certificate
Colleges Where Course Offered:	Assiniboine Community College

Course Description:

The Commercial Art course prepares individuals for occupations concerned with creating illustrations, designs, cartoons and caricatures for books, magazines, posters, newspapers, roadside billboards and television commercials for the purposes of advertising, illustrating and distributing information. Activities may include: designing art layouts, retouching photographs, sketching and lettering. Graduates may find employment as layout artists, retouching artists, illustrating artists and freelance artists.

Possible Employment Establishments:

Advertising agencies	Machinery manufacturing and servicing
Process screen printers	Sign companies
Commercial art studios	Photographers
Television stations	Department stores
Newspapers	Chain stores

Survey Data For Years 1976-1979.

Number of responses:	36
Number employed:	22
Number unemployed and seeking work:	8
Number not seeking work:	6
Percentage who found jobs in Winnipeg:	27.2
Percentage who found jobs in rural Manitoba:	36.4
Percentage who found jobs outside Manitoba:	36.4
Average weekly (hourly) earnings, 1978 grads:	$250.00 ($6.26)

Percentage Employed:		Male	Female
Graduates:	1977	33.3	66.7
	1978	50.0	50.0

COMMERICAL ART

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
1137	Sales and Advertising Management Occupations				
	Advertising Company Owner				1
2165	Architectural and Engineering Technologists and Technicians				
	Surveyor	1			
3314	Advertising and Illustrating Artists				
	Advertising Artist			2	
	Commercial Artist			2	
	Layout Artist				1
3319	Occupations in Fine and Commercial Art, Photography and Related Fields, n.e.c.				
	Paste-Up Artist		1		
	Sign Painter			1	1
	Display Assistant - Ladies Clothes				1
3710	Coaches, Trainers, Instructors, and Managers, Sport and Recreation				
	Swimming Instructor/Lifeguard				1
4111	Secretaries and Stenographers				
	Clerk/Stenographer			1	
	Secretary/Receptionist			1	
4155	Stock Clerks and Related Occupations				
	Warehouse Manager				1
4197	General Office Clerks				
	Clerk			1	
5135	Salespersons, Commodities, n.e.c.				
	Clothing Salesperson			1	
5174	Salespersons, Advertising				
	Display Advertising Salesperson			1	
6120	Supervisors, Food and Beverage Preparation and Related Service Occupations				
	Restaurant Supervisor	1			
7195	Nursery and Related Workers				
	Labourer	1			
8373	Abrading and Polishing Occupations: Clay, Glass, Stone and Related Materials				
	Machine Operator			1	
8781	Carpenters and Related Occupations				
	Carpentry Labourer			1	
		3	1	12	6

SECTION IV

INDUSTRIAL AND TECHNOLOGY DIVISION

		Page
A.	Automotive/Diesel	
i)	Motor Vehicle Body Repair	93
ii)	Motor Vehicle Mechanic	95
iii)	Diesel Mechanics	99
iv)	Truck Driver Training Class 1AB	102
v)	Truck Driver Training Class 3AB	104
vi)	Heavy Duty Mechanic	106
vii)	Heavy Duty Equipment Operation	108
viii)	Agricultural Mechanic	110
ix)	Advanced Small Motor Repair	112
B.	Chemical/Biological	
i)	Biochemcial Technology	114
ii)	Biological Technology	116
iii)	Chemical Technology	118
C.	Civil/Construction/Decorating	
i)	Civil Technology	120
ii)	Building Construction Technician	122
iii)	Structural Technology	124
iv)	Building Technology	126
v)	Surveying Technology	128
vi)	Carpentry and Woodworking	130
vii)	Advanced Carpentry	132
viii)	Design and Drafting Technology	134
ix)	Architectural Drafting	136
x)	Mechanical Systems Drafting	139
xi)	Painting and Decorating	141
xii)	Piping Trades	143
xiii)	Masonry	145
xiv)	Upholstery	147

SECTION IV (Cont'd)

		Page
D.	Metals	
	i) Welding	149
	ii) Sheet Metal	153
	iii) Machine Shop Practice	155
	iv) Machine Drafting	157
E.	Mining	
	i) Mineral Sciences Technician/Technology	159
F.	Electronics	
	i) Computer Technology	161
	ii) Electronic Technology	163
	iii) Telecommunications	167
	iv) Domestic Electronics	169
	v) Radio Operating and Electronic Communications	172
	vi) Color Television	174
	vii) Industrial Electronics	176
G.	Electrical	
	i) Electrical Technology	178
	ii) Instrumentation Technology	181
	iii) Electrical	183
	iv) Major Appliance Service Technician	186
	v) Refrigeration and Air Conditioning	188
	vi) Electrical Drafting	190
H.	Mechanical	
	i) Mechanical Engineering Technology	192
	ii) Power Engineers - 1 Year	194
	iii) Power Engineers - 2 Year	196

Course: MOTOR VEHICLE BODY REPAIR (8581)*

Course type: Certificate

Colleges Where Course Offered: Red River Community
Assiniboine Community College

Course Description:

The Motor Vehicle Body Repair course prepares individuals for occupations concerned with repairing damaged body parts and painting motor vehicles. Activities generally include: examining damaged vehicles and estimating cost of repairs, removing uphostery to gain access to damaged areas, hammering surfaces to remove dents, removing badly damaged body parts and attaching replacements by bolting or welding, aligning frames, sanding and painting and replacing windshields. Graduates may find employment as auto body mechanics metal finishers, painters, body frame specialists, claim adjusters, collision estimators, shop foremen, service or parts managers, machine operators and service station operators.

Possible Employment Establishments:

- Auto Body Painting Shops
- Auto Body Shops
- Car Dealers
- Car Leasing Companies
- Other Private Businesses and Industries Which Own and Service Vehicles

Survey Data for Years 1976-1979:

Number of responses:	89
Number employed:	76
Number unemployed and seeking work:	11
Number not seeking work:	2
Percentage who found jobs in Winnipeg:	58.7
Percentage who found jobs in rural Manitoba:	41.3
Percentage who found jobs outside Manitoba:	Nil
Average weekly (hourly) earnings, 1978 grads:	$317.95 ($6.62)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

* Previously called Auto Body Repair and Painting

MOTOR VEHICLE BODY REPAIR

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1 - YEAR FOLLOWING GRADUATION

CCDO	Graduates' Reported Job Titles	1975	1976	1977	1978
4153	Shipping and Receiving Clerks				
	Shipper/Receiver			2	
7115	Crop Farmers				
	Farmer	1		1	
7181	General Workers, Farm				
	Farm Labourer			1	
7195	Nursery and Related Workers				
	Greenhouse Worker			1	
7713	Other Rock and Soil Drilling Occupations				
	Diamond Driller			1	
	Assistant Driller			1	
8333	Sheet-Metal Workers				
	Sheet Worker			1	
8513	Motor Vehicle Fabricating and Assembling Occupations, n.e.c.				
	Automotive Trimmer				1
8531	Electrical Equipment Fabricating and Assembling Occupations				
	Fan Assembler	1			
8580	Foremen/Women: Mechanics & Repairers, n.e.c.				
	Body Shop Foreman/Woman		1		
8581	Motor Vehicle Mechanics & Repairers, n.e.c.				
	Auto Body Apprentice	3	1	1	2
	Auto Body Mechanic	3	3	2	2
	Auto Body Repairer	6	2	5	6
	Auto Body Repairer/Painter			2	1
	Automotive Technician	1			
	Auto Body Worker			2	
	Labourer			1	
	Motor Vehicle Repairer/Painter				1
	Apprentice Auto Mechanic				1
	Bodyman				1
8595	Painting & Decorating Occupations, Except Construction				
	Auto Body Painter	3	1	2	1
	Painter's Helper		1		
8733	Construction Electricians and Repairers				
	Servicer		1		
8791	Pipefitting, Plumbing and Related Occupations, n.e.c.				
	Pipe Layer		1		
8798	Occupations in Laboring and Other Elemental Work, Other Construction Trades				
	Foundry Labourer				1
9175	Truck Drivers				
	Truck Driver	1			1
9179	Motor Transport Operating Occupations, n.e.c.				
	Dock Worker		1		
9315	Material-Handling Equipment Operators, n.e.c.				
	Fork Life Operator		1	1	
9888	Job Titles Not Provided				
	Set-Up Person			1	
		19	13	24	19

Course: MOTOR VEHICLE MECHANIC (8581) *

Course Type: Certificate

Colleges Where Course Offered: Red River Community College
Assiniboine Community College
Keewatin Community College

Course Description:

The Motor Vehicle Mechanic course prepares individuals for occupations concerned with repairing and overhauling automobiles, buses, trucks and other automotive vehicles. Activities generally include: testing, diagnosing, disassembling and replacing parts and assemblies, tuning and adjusting motor parts, relining brakes, radios, heaters, mirrors, and windshield wipers. Graduates may enter an apprenticeship program in auto mechanics. Individuals who reach the journeyman/woman level may find employment as journeymen/women mechanics, shop foremen/women, service managers, parts managers, machine operators and service station operators.

Possible Employment Establishments:

Trucking and transport companies	Car dealers
City transit system	Service stations
Governments	Equipment repair services

Survey Data for Years 1976-1979

Number of responses:	200	
Number employed:	185	
Number unemployed and seeking work:	9	
Number not seeking work:	5	
Percentage who found jobs in Winnipeg:	42.5	
Percentage who found jobs in rural Manitoba:	47.8	
Percentage who found jobs outside Manitoba:	8.7	
Average weekly (hourly) earnings, 1978 grads:	$218.91	($5.60)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	98.1	1.9

* Previously called Automotive Mechanics Technician/Repair

MOTOR VEHICLE MECHANIC

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2161	Surveyors				
	Surveyor		1		
4153	Shipping and Receiving Clerks				
	Labourer			1	
	Shipper			1	
4172	Mail Carriers				
	Postal Courier				1
4173	Mail and Postal Clerks				
	Postal Clerk		1		
4177	Messengers				
	Warehouse Worker		1		
5130	Supervisors: Sales Occupations, Commodities				
	Manager			1	
	Manager Trainee				1
5135	Salesmen and Salespersons, Commodities, n.e.c.				
	Parts Clerk				1
	Parts Man				1
5145	Service Station Attendants				
	Gas Jockey			1	
5193	Route Drivers				
	Shell Bulk Service				1
6198	Occupations in Labouring & Other Elemental Work, Services				
	Car Wash Attendant/Manufacturer's Agent				1
7111	General Farmers				
	Farmer			1	
7113	Animal Farmers				
	Farmer - Apiarist			1	
7115	Crop Farmers				
	Grain Farmer			1	
7181	General Workers, Farm				
	Farm Worker		1		
7718	Occupations in Labouring & Elemental Work, Mining & Quarrying Including Oil, Gas Fields				
	Labourer		1		
8116	Inspecting, Testing, Grading & Sampling Occupations, Mineral Ore Treating				
	Mineral Sampler		1		
8137	Moulding, Core Making and Metal Casting				
	Zinc Caster				1
8215	Slaughtering & Meat Cutting, Canning, Curing and Packing Occupations				
	Pet Food Manufacturing			1	

MOTOR VEHICLE MECHANIC

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
8228	Occupations in Labouring & Other Elemental Work: Food, Beverage & Related Processing				
	General Labourer		1		
8253	Papermaking and Finishing Occupations				
	Paper Maker			1	
8313	Machinist and Machine-Tool Setting-Up Occupations				
	Automotive Machinist				1
	Machinist			1	
8335	Welding & Flame Cutting Occupations				
	Welder				1
8513	Motor Vehicle Fabricating & Assembling Occupations, n.e.c.				
	Automotive Trimmer			1	
	Lineworker			1	
8529	Other Fabricating & Assembling Occupations, Metal Products, n.e.c.				
	Installer - Windows				1
8534	Electronic Equipment Fabricating & Assembling Occupations				
	Field Engineer	1			
8562	Upholsterers				
	Upholsterer	1			
8580	Foremen/women: Mechanics & Repairers, n.e.c.				
	Automotive Service Advisor			1	
8581	Motor-Vehicle Mechanics & Repairers				
	Apprentice Automobile Mechanic	6	4		2
	Apprentice Automotive Technician			1	
	Apprentice Mechanic			12	3
	Apprentice Mechanic, Level II				1
	Automobile Mechanic	21	15		12
	Automobile Technician	1	2	1	
	Automotive and Autobody Mechanic				1
	Automotive Mechanic			7	3
	Automotive Technician				2
	Car Clinic Technician				1
	Dealership Reconditioner				1
	Garage Mechanic			1	
	Mechanic			3	2
	Mechanic's Helper	1			1
	Motorcycle Mechanic			1	
	Motor Vehicle Mechanic				3
	Radiator Technician				1
	Service Technician	1			
	Small Motor Mechanic		1		
	Snowmobile Mechanic	1			
	Tire Mechanic			1	

MOTOR VEHICLE MECHANIC

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
8583	Rail Transport Equipment Mechanics & Repairers				
	Car Worker Mechanic			1	
	Car Worker Trainee			1	
	Carman Trainee				1
8584	Industrial, Farm and Construction Machinery Mechanics & Repairers				
	Apprentice Diesel Mechanic	1			
	Apprentice Heavy Duty Mechanic			1	
	Diesel/Automotive Mechanic			1	
	Diesel Machinist				1
	Diesel Mechanic/Farmer				1
	Heavy Duty Mechanic	3	1		1
	Mechanic's Helper	1		1	
	Millwrite Maintenance			1	
	Mining Equipment Technician		1		
	Plant Mechanic				1
8589	Other Mechanics and Repairers, n.e.c.				
	Industrial Mechanic	1			
8711	Excavating, Grading & Related Occupations				
	Bulldozer Operator		1		
	Heavy Duty Operator				1
	Heavy Equipment Operator				1
8715	Railway Section Workers & Track Workers				
	Railway Labourer			1	
8733	Construction Electricians and Repairers				
	Electrician's Helper			1	
8781	Carpenters and Related Occupations				
	Carpenter			1	
	Construction Worker			1	
8787	Roofing, Waterproofing & Related Occupations				
	Roofing Sub-Contractor		1		
8798	Occupations in Labouring & Other Elemental Work, Other Construction Trades				
	Construction Helper		1		
8799	Other Construction Trades Occupations, n.e.c.				
	Maintenance Engineer			1	
	Fireplace Installer				1
9171	Bus Drivers				
	Bus Driver				1
9175	Truck Drivers				
	Highway Transport Driver	1			
	Truck Driver			2	1
	Truck Driver/Repairer				1
9318	Occupations in Labouring & Other Elemental Work, Material Handling, n.e.c.				
	Labourer				1
9533	Stationary Engine & Auxiliary Equipment Operating & Maintaining				
	Power Engineer			1	
9919	Other Occupations, n.e.c.				
	Car Washer			1	
		40	34	55	55

Course: DIESEL MECHANICS (8584)
Course Type: Certificate
Colleges Where Course Offered: Red River Community College

Course Description:

The Diesel Mechanics course prepares individuals for occupations concerned with repairing and maintaining diesel engines used to power a wide variety of heavy transport equipment. Activities generally include: diagnosing, disassembling and replacing parts and assemblies; reconditioning; aligning; fitting; reassembling and adjusting to specifications. Graduates may find employment as mechanics and maintenance specialists for industrial, highway, construction, rail transport, marine and generating plant equipment. Graduates may also enter an apprenticeship program.

Possible Employment Establishments:

Farm machinery sales and service	Service stations
Diesel transport services	Heavy equipment dealers
Industrial equipment services	Truck transport services

Survey Data for Years 1976-1979

Number of responses:	118	
Number employed:	110	
Number unemployed and seeking work:	6	
Number not seeking work:	2	
Percentage who found jobs in Winnipeg:	61.8	
Percentage who found jobs in rural Manitoba:	25.5	
Percentage who found jobs outside Manitoba:	12.7	
Average weekly (hourly) earnings, 1978 grads:	$238.39	($5.79)

Percentage Employed:

		Male	Female
Graduates:	1977	96.9	3.1
	1978	100.0	0.0

DIESEL MECHANICS

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
4140	Supervisors, Office Machine & Electronic Data-Processing Equipment Operators				
	Business Machines Supervisor			1	
4155	Stock Clerks and Related Occupations				
	Warehouse Assembler			1	
4199	Other Clerical & Related Occupations, n.e.c.				
	General Clerk		1		
5135	Salespersons, Commodities, n.e.c.				
	Parts Clerk			1	
	Parts Salesman				1
5170	Supervisors: Sales Occupations, Services				
	District Service Representative		1		
7111	General Farmers				
	Farmers			2	1
7113	Animal Farmers				
	Farmer	1			
	Mink Rancher				1
7115	Crop Farmers				
	Farmer		1		
7181	General Workers, Farm				
	Farm Helper			1	
8313	Machinist & Machine-Tool Setting-Up Occupations				
	Apprentice Machinist			2	
8581	Motor-Vehicle Mechanics and Repairers				
	Apprentice Automobile Mechanic	1			
	Apprentice Automotive Mechanic				1
	Apprentice Mechanic				1
	Automobile Mechanic	2	1		
	Bench Mechanic				1
	Farm Machinery Repairer	1	1		
	Heavy Duty Mechanic		3		
	Mechanic			2	
	Transport Mechanic	1			

DIESEL MECHANICS

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
8583	Rail Transport Equipment Mechanics and Repairers				
	CNR Machinist				1
	Temporary B. Mechanic				1
8584	Industrial, Farm & Construction Machinery Mechanics and Repairers				
	Agricultural Mechanic	1	1		
	Apprentice Diesel Mechanic	1		5	2
	Apprentice Heavy Duty Mechanic		2		1
	Apprentice Mechanic				3
	Apprentice Mechanic, Buses	1			
	Apprentice Millwright				1
	Diesel Mechanic	12	5	8	6
	Diesel Mechanic - Farm Equipment			1	
	Heavy Duty Mechanic	4	5	3	2
	Light Duty Mechanic				1
	Mechanic			1	
	Pit Mechanic		1		
8589	Other Mechanics and Repairers. n.e.c.				
	Mechanic			1	
8711	Excavating, Grading and Related Occupations				
	Scraper Operator	1			
	Work Equipment Operator			1	
8784	Plasterers and Related Occupations				
	Drywall/Taper				1
8798	Occupations in Labouring & Other Elemental Work, Other Construction Trades				
	Labourer			1	
	Construction Worker				1
8799	Other Construction Trades Occupations, n.e.c.				
	Highways Labourer			1	
9175	Truck Drivers				
	Tow Truck Operator			1	
	Truck Driver	1		1	1
		27	22	34	27

Course: TRUCK DRIVER TRAINING CLASS 1AB (9175)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Truck Driver Training program consists of two separate courses and six months of intermediate work experience. Truch Driver Training Class 1AB is the second course in the program. It is designed for applicants who have six months driving experience in the trucking industry with a valid Class 3 license and wish to earn the Class 1 license, air brake endorsed. The training period is four weeks long or 120 hours of which approximately one week is devoted to air brake instruction.

Survey Data for Year 1979:

Number of responses:	19
Number employed:	19
Number unemployed and seeking work:	nil
Number not seeking work:	nil
Percentage who found jobs in Winnipeg:	79.0
Percentage who found jobs in rural Manitoba:	10.5
Percentage who found jobs outside Manitoba:	10.5

Average weekly (hourly) weekly earnings, 1978 grads: $270.41 ($6.48)

Percentage Employed:

		Male	Female
Graduates:	1978	94.7	5.3

TRUCK DRIVER TRAINING CLASS 1AB

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1978
1116	Inspectors & Regulatory Officers, Government	
	Driver Examiner	1
3332	Musicians	
	Musician - Entertainer	1
5137	Sales Clerks, Commodities	
	Sales Clerk	1
7115	Crop Farmers	
	Grain Farmer/Truck Driver	1
7181	General Workers, Farm	
	Farm Worker	1
8711	Excavating, Grading and Related Occupations	
	Tractor-Trailer Driver	1
	Heavy Equipment Operator	1
9171	Bus Drivers	
	Bus Driver	2
9175	Truck Drivers	
	Truck Driver	6
	Highway Transport Operator	1
	Highway Driver	1
	Mixer Driver	1
9311	Hoisting Occupations, n.e.c.	
	Crane Operator	1
		19

Course:	TRUCK DRIVER TRAINING CLASS 3AB (9175)
Course Type:	Certificate
Colleges Where Course Offered:	Red River Community College

Course Description:

The Truck Driver Training Class 3AB is the first course in the Truck Driver Training Program. It is designed for applicants who hold a Class 5 license and wish to obtain a Class 3 license with an Air Brake Endorsement. The course is five weeks long and consists of 150 hours of instruction.

Survey Data for Year 1979:

Number of responses:	23	
Number employed:	22	
Number unemployed and seeking work:	nil	
Number not seeking work:	1	
Percentage who found jobs in Winnipeg:	77.3	
Percentage who found jobs in rural Manitoba:	22.7	
Percentage who found jobs outside Manitoba:	nil	
Average weekly (hourly) earnings, 1978 grads:	$266.24	($6.12)

Percentage Employed:

		Male	Female
Graduates:	1978	95.5	4.5

TRUCK DRIVER TRAINING CLASS 3AB

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1978
8179	Chemicals, Petroleum, Rubber, Plastic and Related Materials Processing Occupations, n.e.c.	
	Chemical Operator Trainee	1
8510	Foremen/women, Fabricating and Assembling Occupations, Metal Products, n.e.c.	
	Lead Hand	1
8513	Motor Vehicle Fabricating and Assembling Occupations, n.e.c.	
	Recreational Vehicle Specialist	1
8735	Wire Communications and Related Equipment Installing and Repairing Occupations	
	Burglar Alarm Installer	1
8793	Structural-Metal Erectors	
	Steel Erector	1
9175	Truck Drivers	
	Truck Driver	15
	Highway Transport Driver	1
9888	Job Titles Not Provided	
	Civic Labourer	1
		22

Course:	HEAVY DUTY MECHANIC (8584)
Course Type	Certificate
Colleges Where Course Offered:	Assiniboine Community College Keewatin Community College

Course Description:

The Heavy Duty Mechanic course prepares individuals for occupations concerned with repairing, rebuilding, and adjusting heavy mobile equipment such as bulldozers, loaders, trucks, scrapers, graders, and draglines. Activities generally include: diagnosing, disassembling and replacing parts and assemblies, reconditioning, aligning, fitting, reassembling and adjusting to specifications.

Possible Employment Establishments:

- Heavy construction contractors
- Manufacturers and distributors
- Mining companies
- Pulp and paper companies
- Freighting companies
- Governments
- Caterpillar equipment services

Survey Data for Years 1976-1979

Number of responses:	60
Number employed:	56
Number unemployed and seeking work:	2
Number not seeking work:	2
Percentage who found jobs in Winnipeg:	10.9
Percentage who found jobs in rural Manitoba:	72.7
Percentage who found jobs outside Manitoba:	16.4
Average weekly (hourly) earnings, 1978 grads:	$331.78 ($6.82)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

HEAVY DUTY MECHANIC
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
1174	Personnel and Related Officers				
	Operations Supervisor/Personnel Manager				1
5133	Commercial Travellers				
	Sales Representative			1	
6191	Janitors, Charworkers and Cleaners				
	Janitor			1	
7111	General Farmers				
	Farmer				1
7198	Occupations in Labouring & Other Elemental Work: Farming, Horticulture and Animal Husbandry				
	Farm Labourer, General	2			
7711	Rotary Well-Drilling & Related Occupations				
	Cementer			1	
7717	Mining & Quarrying: Cutting, Handling and Loading Occupations				
	Miner				1
8313	Machinist & Machine-Tool Setting-Up Occupations				
	Class B Machinist			1	
8339	Metal Shaping & Forming Occupations, Except Machinery, n.e.c.				
	Labourer		1		
8581	Motor-Vehicle Mechanics and Repairers				
	Apprentice Heavy Duty Mechanic	1	1		
	Automobile Mechanic		1		
	Automotive Mechanic				1
	Heavy Duty Mechanic	2			1
	Mechanic				1
8584	Industrial, Farm & Construction Machinery Mechanics and Repairers				
	Apprentice Heavy Duty Mechanic	4	1	3	1
	Diesel Mechanic	2		1	
	Heavy Duty Diesel Mechanic				1
	Heavy Duty Mechanic	6	1	2	1
	Labourer/Operator			1	
	Maintenance Mechanic				1
	Maintenance Mechanic/Heavy Duty			1	
	Mechanic			1	1
	Mixed Farming Mechanic			1	
	Tractor Mechanic			1	
8711	Excavating, Grading & Related Occupations				
	Caterpillar Operator		1		
8799	Other Construction Trades Occupations, n.e.c.				
	Pulpmill Labourer				1
9139	Railway Transport Operating Occupations, n.e.c.				
	Machine Operator				1
9175	Truck Drivers				
	Truck Driver's Helper	1			
	Truck Driver				1
9315	Material-Handling Equipment Operators, n.e.c.				
	Fork Lift Operator			1	
	Labourer				1
		18	6	16	15

Course: H.D.E.O. Backhoe Dozer Dragline Grader Scraper (8711)

Course Type: Certificate

Colleges Where Course Offered: Keewatin Community College

Course Description:

The course is designed to enable students to develop basic proficiency in the operation and servicing of bulldozers, scrapers, graders, draglines, front-end loaders, backhoe, and tandem dump trucks. The student may find employment when his/her level of training has brought him/her to a sufficient level of competence on one machine, to be acceptable to an employer in the field.

Possible Employment Establishments:

Heavy construction industry

Survey Data for Years 1977-1978

Number of responses:	46	
Number employed:	28	
Number unemployed and seeking work:	16	
Number not seeking work:	2	
Percentage who found jobs in Winnipeg:	19.2	
Percentage who found jobs in rural Manitoba:	61.6	
Percentage who found jobs outside Manitoba:	19.2	
Average weekly (hourly) earnings, 1978 grads:	$253.75	($5.42)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

H.D.E.O.(BACKHOE, DOZER, DRAGLINE, GRADER,SCRAPER)
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1 YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1977	1978
	H.D.O.E. BACKHOE		
7113	Animal Farmers		
	Farmer	1	
8711	Excavating, Grading & Related Occupations		
	Equipment Operator	1	
	Trucker/Backhoe		1
8713	Paving, Surfacing and Related Occupations		
	Raker Man - Asphalt		1
		2	2
	H.D.E.O. DOZER		
7183	Field Crop and Vegetable - Growing Workers		
	Machine Operator		1
7711	Rotary Well-Drilling and Related Occupations		
	Floorman		1
8711	Excavating, Grading & Related Occupations		
	Heavy Equipment Operator	1	
9171	Bus Drivers		
	Bus Driver		1
9175	Truck Drivers		
	Long Haul Operator	1	
	Truck Driver		1
		2	4
	H.D.E.O. DRAGLINE		
8711	Excavating, Grading & Related Occupations		
	Heavy Equipment Operator	1	1
	Operator	1	
		2	1
	H.D.E.O. GRADER		
2331	Social Workers		
	Detox Worker		1
4177	Messengers		
	Delivery Driver	1	
7313	Fisherman/woman		
	Fisherman/woman	2	
8238	Occupations in Labouring & Other Elemental Work: Wood Processing, Except Paper Pulp		
	Edge Sort Piler	1	
8711	Excavating, Grading & Related Occupations		
	Grader Operator	1	
	Steelworker		1
		5	2
	H.D.E.O. SCRAPER		
7131	Farm Management Occupations		
	Farm Manager	1	
7195	Nursery & Related Workers		
	Assistant Grounds Keeper		1
8148	Occupations in Labouring & Other Elemental Work, Metal Processing		
	Steel Worker	1	
8711	Excavating, Grading & Related Occupations		
	Loader Operator		1
	Operating Engineer		1
9483	Job Titles Not Provided		
	Load Checker	1	
	General Labourer	1	
		4	3

Course: AGRICULTURAL MECHANIC (8584)

Course Type: Certificate

Colleges Where Course Offered: Assiniboine Community College

Course Description:

The Agricultural Mechanic course prepares individuals for occupations concerned with repairing and overhauling farm machinery such as combines, tractors and movers. Activities generally include: diagnosing, disassembling and replacing parts and assemblies, reconditioning, aligning, fitting, reassembling and adjusting to specification. Graduates may find employment as agricultural mechanics with farm implement dealers and service organizations.

Possible Employment Establishments:

Farm equipment dealers
Farm service organizations

Survey Data for Years 1976-1979

Number of responses:	34	
Number employed:	31	
Number unemployed and seeking work:	3	
Number not seeking work:	nil	
Percentage who found jobs in Winnipeg:	12.9	
Percentage who found jobs in rural Manitoba:	71.0	
Percentage who found jobs outside Manitoba:	16.1	
Average weekly (hourly) earnings, 1978 grads:	$204.54	($4.71)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

AGRICULTURAL MECHANICS

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
3351	Writers and Editors, Publications				
	Reporter/Photographer			1	
7111	General Farmers				
	Farmer	1	1	1	2
7113	Animal Farmers				
	Farmer/Rancher			1	1
7115	Crop Farmers				
	Grain Farmer			1	
7181	General Workers, Farm				
	Farm Labourer			2	
	Ranch Hand				1
7197	Farm-Machinery Operators & Custom Operators				
	Big A Operator			1	
8581	Motor Vehicle Mechanics & Repairers				
	Auto Mechanic				1
8584	Industrial, Farm & Construction Machinery Mechanics and Repairers				
	Agricultural Mechanic			3	3
	Apprentice Agricultural Mechanic				1
	Apprentice Heavy Duty Mechanic			1	
	Apprentice Mechanic				1
	Diesel Mechanic				1
	Farm Implement Mechanic	1	1		
	Heavy Duty Mechanic				1
	Automobile & Tractor Mechanic	1			
8795	Glaziers				
	Factory Labourer				1
9315	Material-Handling Equipment Operators, n.e.c.				
	Assistant Grain Buyer		1		
	Tractor Operator			1	
		3	3	12	13

Course: ADVANCED SMALL MOTOR REPAIR (8589)

Course Type: Certificate

Colleges Where Course Offered: Keewatin Community College

Course Description:

The Advanced Small Motor Repair course is designed to prepare persons for employment as small motor repairmen/women. Upon successful completion, students display: a knowledge of basic mechanical principles and their applications, a knowledge of small engine and related machine operating principles, inspection methods and repair procedures, and diagnostic trouble-shooting repair and adjustment skills for outboard engines, snowmobiles, chain-saws and related equipment. Classroom activities include: lectures, demonstrations, and shop work.

Survey Data for Years 1977-1978

Number of responses:	6
Number employed:	5
Number unemployed and seeking work:	1
Number not seeking work:	NIL
Percentage who found jobs in Winnipeg:	NIL
Percentage who found jobs in rural Manitoba:	40.0
Percentage who found jobs outside Manitoba:	60.0

Average weekly (hourly) earnings, 1978 grads: $441.67 ($9.93)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

ADVANCED SMALL MOTOR REPAIRS

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1977	1978
3719	Occupations in Sport and Recreation, n.e.c.		
	Tourist Guide	1	
8592	Marine Craft Fabricating, Assembling and Repairing		
	Plating Tankman		1
8798	Occupations in Labouring and Other Elemental Work, Other Construction Trades		
	Construction Millwright		1
9151	Deck Officers		
	River Ferry Operator		1
9315	Material-Handling Equipment Operators, n.e.c.		
	Fork Lift Operator		1
		1	4

Course: BIOCHEMICAL TECHNOLOGY (2117)
Course Type: Two-year Diploma
Colleges Where Course Offered: Red River Community College

Course Description:

The Biochemical Technology course is designed to develop a broad knowledge of principles in chemistry, biochemistry, physics and mathematics, including computer programming, as related to the biochemical field. Students develop communication skills that include the ability to interpret, analyze, and transmit data and ideas graphically, orally, and in writing. Proper laboratory techniques, safety habits and attitudes towards handling chemicals and apparatus are taught. The biochemical technologist may work actively in medical and dental research, in the pharmaceutical industry, in the food industry, in quality control, in agriculture, and in many other industries.

Survey Data for Years 1977-1978

Number of responses:	9	
Number employed:	8	
Number unemployed and seeking work:	1	
Number not seeking work:	nil	
Percentage who found jobs in Winnipeg:	75.0	
Percentage who found jobs in rural Manitoba:	12.5	
Percentage who found jobs outside Manitoba:	12.5	
Average weekly (hourly) earnings, 1978 grads:	$196.33	($5.49)

Percentage Employed:

		Male	Female
Graduates:	1977	50.0	50.0
	1978	50.0	50.0

BIOCHEMICAL TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1977	1978
2117	Physical Sciences Technologists & Technicians		
	Lab Technologist I	1	
	Tester - Petroleum Products		1
	Research Technologist		1
2135	Life Sciences Technologists & Technicians		
	Biochemical Technologist		1
	Director - Surgical GI Laboratory		1
4133	Tellers and Cashiers		
	Retail Food Clerk/Cashier		1
4199	Other Clerical and Related Occupations, n.e.c.		
	Information Clerk		1
8781	Carpenters and Related Occupations		
	Private Contractor	1	
		2	6

Course: BIOLOGICAL TECHNOLOGY (2135)

Course Type: Two-year Diploma

Colleges Where Course Offered: Red River Community College

Course Description:

The Biological Technology course prepares individuals for occupations concerned with carrying out technological functions in various aspects of biology in support of research, testing and analysis. Activities generally include: reviewing biological publications, maintaining collections of flora and fauna, conducting experiements, preparing specimens for microscopic examination, analyzing biological material, conducting field and laboratory studies and caring for live plants and animals. Graduates may find employment in laboratories or in field work.

Possible Employment Establishments:

Governments	Fish and wildlife agencies
Hospitals	Environmental and public health agencies
Universities	Meat and food processing industries
Grain industry	Veterinary labs

Survey Data for Years 1976-1979

Number of responses:	42	
Number employed:	38	
Number unemployed and seeking work:	1	
Number not seeking work:	3	
Percentage who found jobs in Winnipeg:	73.7	
Percentage who found jobs in rural Manitoba:	10.5	
Percentage who found jobs outside of Manitoba:	15.8	
Average weekly (hourly) earnings, 1978 grads:	$213.09	($5.45)

Percentage Employed:

		Male	Female
Graduates:	1977	37.5	62.5
	1978	54.5	45.5

BIOLOGICAL TECHNOLOGY
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
1116	Inspectors & Regulatory Officers, Government				
	Poultry Inspector	1			
2117	Physical Sciences Technologists & Technicians				
	Research Technician			1	
2135	Life Sciences Technologists & Technicians				
	Bacteriological Technician			1	
	Environmental Impact Assessment Technician		1		
	Environmental Technologist	1			
	Fish & Wildlife Technician		2		
	Laboratory Technician	1	2		
	Laboratory Technologist			1	2
	Lab Analyst				1
	Quality Control Technician				1
	Reproductive Physiology Technician	1			
	Resource Technician				1
	Sample Room Technician	1			
2139	Occupations in Life Sciences, n.e.c.				
	Resource Technician	1			
2719	University Teaching & Related Occupations, n.e.c.				
	Laboratory Assistant	1			
3156	Medical Laboratory Technologists & Technicians				
	Medical Technicians			1	
4111	Secretaries & Stenographers				
	Stenographic Typist			1	
4131	Bookkeepers & Accounting Clerks				
	Assistant to Office Staff I				1
4133	Tellers and Cashiers				
	Sales Clerk/Cashier				1
5137	Sales Clerks, Commodities				
	Sales Clerk		2		
6119	Protective Services Occupations, n.e.c.				
	Conservation Officer				1
6198	Occupations in Labouring and Other Elemental Work, Services				
	Car Jockey				1
6199	Other Service Occupations, n.e.c.				
	Car Park Attendant			1	
7199	Other Farming, Horticultural & Animal-Husbandry Occupations, n.e.c.				
	Animal Technician			1	
8210	Foremen/women: Food, Beverage & Related Processing Occupations				
	Cellar Supervisor				1

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
8226	Inspecting, Testing, Grading & Sampling Occupations: Food, Beverage & Related Processing				
	Moisture Technician	1			
	Primary Produce Inspector	1			
	Quality Control Technician				1
8593	Paper Product Fabricating & Assembling Occupations				
	Meat Packer/Box Maker			1	
8718	Occupations in Labouring & Elemental Works: Excavating, Grading & Paving				
	Labourer II		1		
8791	Pipefitting, Plumbing & Related Occupations, n.e.c.				
	Construction Labourer			1	
		8	9	9	11

Course: CHEMICAL TECHNOLOGY (2117)

Course Type: Two-year Diploma

Colleges Where Course Offered: Red River Community College

Course Description:

The Chemical Technology course prepares individuals for occupations concerned with performing technological functions in chemistry primarily in support of research, design and development. Activities generally include: conducting experiments, determining procedures and equipment to be used; investigating processes to convert raw materials into consumer products; supervising and coordinating the work of technicians. Graduates may be employed as research assistants, chemical analysts, plant control chemists, laboratory experimentation specialists, salespeople and servicepeople for chemical products and equipment, and teacher's aides. Students who successfully complete the first year of Chemical Technology may be employed as chemical technicians in a variety of fields.

Possible Employments Establishments:

Building products manufacturers	Governments
Pulp and paper mills	Meat processing plants
Paint manufacturers	Grain industry
Mining companies	Food processing plants

Survey Data for Years 1976-1979

Number of responses:	24
Number employed:	16
Number unemployed and seeking work:	4
Number not seeking work:	4
Percentage who found jobs in Winnipeg:	68.8
Percentage who found jobs in rural Manitoba:	12.5
Percentage who found jobs outside Manitoba:	18.7
Average weekly (hourly) earnings, 1978 grads:	***

Percentage Employed:

		Male	Female
Graduates:	1977	80.0	20.0
	1978	100.0	0.0

132

*** Too few responses to report information for 1978.

CHEMICAL TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2117	Physical Sciences Technologists & Technicians				
	Analytical Technologist	1			
	Chemical Analyst			1	
	Chemical Engineering Technician		1		
	Chemical Technician		1		
	Chemical Technologist		1	1	1
	Lab Operator			1	
	Lab Technician		2		
	Lab Technologist		2		
	Protein Testing Technician		1		
	Research Assistant		1		
	Research Technologist			1	
5171	Insurance Sales Occupations and Agents				
	Life Insurance Sales Representative			1	
		1	9	5	1

Course: CIVIL TECHNOLOGY (2165)

Course Type: Two-year Diploma

Colleges Where Course Offered: Red River Community College

Course Description:

The Civil Technology course prepares individuals for occupations concerned with performing technological functions in various aspects of civil engineering. Activities generally include: conducting materials testing; conducting field and laboratory tests of soils; performing traffic surveys; conducting inspections of structures; writing reports; analyzing results and preparing statistical data, tables and drawings; assisting engineers in design. Graduates may find employment as assistants to civil engineers in such areas as the construction of streets, highways, railroads, airports, drainage and flood protection facilities, hydro electric development projects and water supply and sewage disposal facilities. After gaining work experience, a civil technologist may be employed as a sales representative for a building materials or engineering equipment manufacturer.

Possible Employment Establishments:

Governments	Engineering consultants
Construction industry	Other private industries

Survey Data for Years 1976-1979

Number of responses:	49	
Number employed:	44	
Number unemployed and seeking work:	1	
Number not seeking work:	4	
Percentage who found jobs in Winnipeg:	63.6	
Percentage who found jobs in rural Manitoba:	6.8	
Percentage who found jobs outside Manitoba:	29.6	
Average weekly (hourly) earnings, 1978 grads:	$211.90	($6.22)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

CIVIL TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
1131	Management Occupations: Natural Sciences, Engineering and Mathematics				
	Area Manager	1			
2143	Civil Engineers				
	Hydraulic Technologist	1			
	Materials Inspector		3		
2160	Supervisors, Other Occupations in Architecture and Engineering				
	Surveyor and Construction Supervisor			1	
2161	Surveyors				
	Engineer Support Staff III	1			
	Instrument Man/Woman	1			
	Instrument Man/Woman - Inspector	1			
	Surveyor			2	
	Clerk/Technologist				1
2163	Draughtsman/woman				
	Engineering Draftsman/woman			1	
	Intermediate Draftsman/woman			1	
2165	Architectural & Engineering Technologists and Technicians				
	Civil Technician				1
	Civil Technologist			3	2
	Construction Technician			1	
	Contract Estimator			1	
	Engineering Aid II		2		
	Engineering Technologist	2	1		
	Inspector - Soil Testing	1			
	Junior Civil Technologist		1		
	Laboratory Technician				1
	Materials Testing Technician		1		
	Paving Quality Controller			1	
	Soils Technician				1
	Structural Steel Detailer				1
	Subdivision Maintenance Technician			1	
	Technician II	1			
3332	Musicians				
	Professional Singer				1
4190	Supervisors, Other Clerical & Related Occupations, n.e.c.				
	Travel Manager			1	
8179	Chemicals, Petroleum, Rubber, Plastic & Related Materials Processing Occupations, n.e.c.				
	Operator I				1
8575	Cutting and Finishing Occupations, Rubber, Plastic and Related Products				
	Warehouse Vinyl Cutter				1
8796	Inspecting & Testing Occupations, Construction, Except Electrical				
	Construction Inspector	1	1		1
		10	9	13	11

Course:	BUILDING CONSTRUCTION TECHNICIAN (2165)
Course Type:	Certificate
Colleges Where Course Offered:	Assiniboine Community College - not offered in 1978.

Course Description:

The Building Construction Technician course prepares individuals for occupations concerned with building construction. Activities generally include wood-working, cabinet making, roofing, framing and exterior finishing. Graduates may also find employment in construction materials sales.

Possible Employment Establishments:

Building contractors
Millwork and cabinet shops
Prefab centres
Construction material suppliers

SURVEY DATA FOR YEARS 1976-1978

Number of responses:	25
Number employed:	23
Number unemployed and seeking work:	1
Number not seeking work:	1
Percentage who found jobs in Winnipeg:	17.4
Percentage who found jobs in rural Manitoba:	65.2
Percentage who found jobs outside Manitoba:	17.4
Average weekly (hourly) earnings, 1977 grads:	$229.85 ($5.01)

BUILDING CONSTRUCTION TECHNICIAN

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977
1145	Management Occupations, Construction Operations			
	Building Contractor	1		
1149	Other Managers and Administrators, n.e.c.			
	Lumber Yard Manager			1
2391	Educational and Vocational Counsellors			
	Youth Staffer			1
3159	Other Occupations in Medicine & Health, n.e.c.			
	Pharmacist Assistant			1
4155	Stock Clerks & Related Occupations			
	Warehouse Labourer			1
5130	Supervisors: Sales Occupations, Commodities			
	Grocery Storekeeper			1
7115	Crop Farmers			
	Farmer		1	
7198	Occupations in Labouring & Other Elemental Work: Farming, Horticulture & Animal Husbandry			
	Farm Labourer		1	
8541	Cabinet and Wood Furniture Makers			
	Cabinet Maker	1		
8583	Rail Transport Equipment Mechanics & Repairers			
	Car Worker	1		
8781	Carpenters and Related Occupations			
	Apprentice Carpenter	2	1	2
	Carpenter			3
	Carpenter's Helper			1
	Construction Carpenter	1		
	General Contractor - Carpentry			1
8798	Occupations in Labouring & Other Elemental Work, Other Construction Trades			
	Labourer - Construction	—	—	1
		6	3	13

Course: STRUCTURAL TECHNOLOGY (2165)
Course Type: Two-year Diploma
Colleges Where Course Offered: Red River Community College

Course Description:

The Structural Technology course trains individuals to assist the structural engineer by performing technical functions primarily in support of installation, operation, maintenance, production and quality control. The Structural Technician makes routine computations and cost estimates; assists in preparation of engineering drawings for buildings, bridges and structures; conducts field laboratory tests of construction materials and soil samples; and summarizes data and writes reports for construction and maintenance of bridges, buildings, etc. After gaining the necessary experience, graduates may find related occupations in sales or managing in the building materials or construction equipment fields.

Possible Employment Establishments:

- Consulting engineers
- Concrete products manufacturers
- Bridging companies
- Architectural firms
- Public Works department

Survey Data for Years 1976-1979

Number of responses:	24
Number employed:	20
Number unemployed and seeking work:	1
Number not seeking work:	1
Percentage who found jobs in Winnipeg:	70.0
Percentage who found jobs in rural Manitoba:	5.0
Percentage who found jobs outside Manitoba:	25.0
Average weekly (hourly) earnings, 1978 grads:	$286.40 ($7.78)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

STRUCTURAL TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2163	Draughtsman/woman				
	Draftsman/woman, Structural		3	2	
	Open Web Steel Joist Detailer			1	
	Junior Draftsman/woman				1
2165	Architectural & Engineering Technologists and Technicians				
	Bridge Inspector	1			
	Laboratory Technologist		1		
	Structural Technologist	2			
	Roofing Estimator				1
	Junior Estimator				2
5131	Technical Salesperson & Related Advisers				
	Salesperson - Technical - Construction Equipment			1	
5135	Salesmen and Salespersons, Commodities, n.e.c.				
	Carpet Salesman/woman				1
8156	Inspecting, Testing & Grading Occupations: Clay, Glass & Stone Processing & Forming				
	Quality Control Inspector		1		
8796	Inspecting & Testing Occupations, Construction, Except Electrical				
	Road Inspector			1	
9888	Job Titles Not Provided				
	Cost Estimator			1	
		3	5	6	5

Course: BUILDING TECHNOLOGY (2165)
Course Type: Two-year Diploma
Colleges Where Course Offered: Red River Community College

Course Description:
The Building Technology course prepares individuals for occupations concerned with building construction. Activities include estimating, construction and maintenance supervising, inspecting, materials testing, and building products sales. After gaining the necessary experience, graduates may become self-employed as construction supervisors or as contractors.

Possible Employment Establishments:
- Building contractors
- Consulting engineering firms
- Woodwork suppliers
- Construction materials suppliers

Survey Data for Years 1976-1979

Number of responses:	19	
Number employed:	17	
Number unemployed and seeking work:	1	
Number not seeking work:	1	
Percentage who found jobs in Winnipeg:	94.1	
Percentage who found jobs in rural Manitoba:	nil	
Percentage who found jobs outside Manitoba:	5.9	
Average weekly (hourly) earnings, 1978 grads:	$357.60	($8.58)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

BUILDING TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
1130	General Managers & Other Senior Officials				
	President of Home Building Company	1			
1145	Management Occupations, Construction Operations				
	Construction Superintendent		1		
	Construction Co-ordinator				1
	Construction Supervisor				2
	Construction Supervisor Trainee				1
1179	Occupations Related to Management and Administration, n.e.c.				
	Construction Estimator	1			
	Contract Administrator			1	
	Junior Estimator	1			
2165	Architectural & Engineering Technologists and Technicians				
	Estimator			1	
	Loss Control Field Representative			1	
	Quality Control Inspector				1
4131	Bookkeepers and Accounting Clerks				
	Construction Estimator		1		
8780	Foreman/woman; Other Construction Trades Occupations				
	Construction Supervisor		3	1	
		3	5	4	5

Course: SURVEYING TECHNOLOGY (2161)

Course Type: Two-year diploma (a)
Certificate (b)

Colleges Where Course Offered: Red River Community College (a)
Keewatin Community College (b)

Course Description:

At Red River Community College, the Surveying Technology course has been designed to prepare individuals for occupations in land, topographic, construction, mining, hydrographic and geodetic surveying. At Keewatin Community College, the Surveying Technician course has been designed to prepare individuals for employment as surveying instrument people. The surveyor is responsible for surveying the earth's surface and often oversees engineering survey parties engaged in determining exact location and measurement of points, elevations, lines, areas and contours of the earth's surface to secure data used for construction, map making, land valuation and other purposes. For these same purposes, the instrument man obtains data pertaining to angles, deviations, points and contours, using alidade, transit, level and other surveying instruments.

Possible Employment Establishments:

- Surveying companies
- Governments
- Hydro electric companies
- Mining companies
- Exploration companies

Survey Data for Years 1976-1979

Number of responses:	49	
Number employed:	44	
Number unemployed and seeking work:	4	
Number not seeking work:	1	
Percentage who found jobs in Winnipeg:	65.1	
Percentage who found jobs in rural Manitoba:	25.6	
Percentage who found jobs outside Manitoba:	9.3	
Average weekly (hourly) earnings, 1978 grads:	$221.60	($5.10)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	90.9	9.1

SURVEYING TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2160	Supervisors, Other Occupations in Architecture				
	Assistant Party Chief				1
	Crew Chief - Surveying Party			1	
	Party Chief	1	5		1
2161	Surveyors				
	Engineering Aid II	1			1
	Instrument Man/Woman	1		1	
	Land Surveyor's Assistant	1			
	Legal Surveyor			2	
	Rodman/woman - survey			1	
	Survey Technician			1	1
	Survey Technologist				2
	Surveyor			2	2
	Technical Assistant				2
	Technical Assistant - Surveying			1	
2165	Architectural & Engineering Technologists and Technicians				
	Engineering Aid III	4			
	Survey Technologist	1	1	3	
4194	Hotel Clerks				
	Desk Clerk				1
6191	Janitors, Charworkers and Cleaners				
	Janitor/Maintenance			1	
8799	Other Construction Trades Occupations, n.e.c.				
	Aluminum Siding Inspector	1			
9170	Foreman/woman, Motor Transport Operating Occupations				
	Manager, Taxi Service		1		
9175	Truck Drivers				
	Courier	1			
		11	7	13	11

Course:	CARPENTRY AND WOODWORKING (8781)
Course Type:	Certificate
Colleges Where Course Offered:	Red River Community College Keewatin Community College Assiniboine Community College

Course Description:

The Carpentry and Woodworking course prepares individuals for employment in the building trades, in commercial construction or housebuilding, and in factories or cabinet making shops. The duties of an apprentice carpenter generally include constructing, erecting, installing and repairing structures and fixtures of wood, plywood and wallboard, and woodworking trade, usually progress to foremen/women, supervisors, building inspectors, draftsmen/women, estimators, superintendents or specialists in related fields.

Possible Employment Establishments:

Furniture manufacturers
Building contractors
Building and woodworking supplies stores

Survey Data for Years 1976-1979

Number of responses:	95	
Number employed:	81	
Number unemployed and seeking work:	7	
Number not seeking work:	7	
Percentage who found jobs in Winnipeg:	47.4	
Percentage who found jobs in rural Manitoba:	46.2	
Percentage who found jobs outside Manitoba:	6.4	
Average weekly (hourly) earnings, 1978 grads:	$253.33	($6.39)*

Percentage Employed:

		Male	Female
Graduates:	1977	92.6	7.4
	1978	87.5	12.5

144

* Red River and Assiniboine only.

CARPENTRY & WOODWORKING
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
1137	Sales & Advertising Management Occupations				
	Service Station Manager	1			
1145*	Management Occupations, Construction Operations				
	Construction Supervisor	1			
2161	Surveyors				
	Surveyor Rodman/woman		1		
3159	Other Occupations in Medicine & Health, n.e.c.				
	Respiratory Technologist			1	
4192	Adjusters, Claim				
	Adjuster - Fire Insurance				1
4197	General Office Clerks				
	Office Clerk			1	
4199	Other Clerical & Related Occupations, n.e.c.				
	Meter Reader			1	
5135	Salespersons, Commodities, n.e.c.				
	Sales Clerk	1			
7195	Nursery and Related Workers				
	Machine Operator			1	
7517	Log Hoisting, Sorting, Moving & Related Occupations				
	Lumberjack/Company Director			1	
7719	Mining & Quarrying Including Oil and Gas Field Occupations, n.e.c.				
	Miner			1	
8355	Planing, Turning, Shaping & Related Wood Machining Occupations				
	Woodworking Machine Operator	1			
8541	Cabinet and Wood Furniture Makers				
	Cabinetmaker	2			
	Furniture Builder			1	
8595	Painting & Decorating Occupations, Except Construction				
	Production Helper			1	
8718	Occupations in Labouring and Other Elemental Work: Excavating, Grading and Paving				
	Labourer				1
8781	Carpenters and Related Occupations				
	Apprentice Carpenter	10	4	6	10
	Carpenter	4	3	7	8
	Carpenter Apprentice II				1
	Carpenter's Helper	1			
	Construction Carpenter			1	
	Finishing Carpenter			1	
	Labourer - Carpentry			1	
	Stair Builder				1
8787	Roofing, Waterproofing, & Related Occupations				
	Roofer			1	
8798	Occupations in Labouring & Other Elemental Work, Other Construction Trades				
	Labourer - Construction			1	1
9315	Material-Handling Equipment Operators, n.e.c.				
	Fork Lift Operator			1	
	Manager's Assistant				1
9888	Job Titles Not Provided				
	Servicer			1	
		21	8	28	24

* There are inconsistencies in this area.

Course: ADVANCED CARPENTRY (8781)

Course Type: Certificate

Colleges Where Course Offered: Keewatin Community College

Course Description:

The Advanced Carpentry course is designed to prepare persons for employment in carpentry and woodworking. It is designed for individuals to learn the use of hand tools and power tools in the construction trade, to learn and apply the principles of construction such as concrete form construction, framing, pitch roof framing and stair building, and to learn the techniques of exterior and interior finishing, and cabinet work. Studies will be concentrated on the most practical and logical aspects of the topics.

Possible Employment Establishments:

Furniture manufacturers
Building contractors
Building and woodworking supplies stores

Survey Data for Years 1976-1979

Number of responses:	7
Number employed:	6
Number unemployed and seeking work:	1
Number not seeking work:	NIL
Percentage who found jobs in Winnipeg:	16.7
Percentage who found jobs in rural Manitoba:	83.3
Percentage who found jobs outside Manitoba:	NIL
Average weekly (hourly) earnings, 1978 grads:	***

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

146

*** Too few responses to report information

ADVANCED CARPENTRY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1977	1978
8581	Motor-Vehicle Mechanics and Repairers		
	Mechanic	1	
8781	Carpenters and Related Occupations		
	Carpenter T.Q.	1	
	Maintenance Carpenter	1	
	Carpenter Helper		2
9888	Job Titles Not Provided		
	Hard Labourer	1	
		4	2

Course: *DESIGN AND DRAFTING TECHNOLOGY (2163)*

Course Type: Two-year Diploma

Colleges Where Course Offered: Red River Community College

Course Description:

The Design and Drafting Technology Course trains individuals in the techniques of the preparation and presentation of technical information. The design and drafting technologist is generally employed in the architectural and engineering fields where he/she prepares general assembly and detail drawings from sketches, specifications and notes in order to convey information from the designer to the fabricator, owner, financing agency, etc.

Possible Employment Establishments:

Structural drafters	Building contractors
Architectural firms	Fabricators
Engineering firms	Service industries
Governments	

Survey Data For Years 1976-1979

Number of responses:	34	
Number employed	30	
Number unemployed and seeking work:	3	
Number not seeking work:	1	
Percentage who found jobs in Winnipeg:	86.6	
Percentage who found jobs in rural Manitoba:	6.7	
Percentage who found jobs outside Manitoba:	6.7	
Average weekly (hourly) earnings, 1978 grads:	$251.71	($6.40)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0
	1978	100.0	0

DESIGN AND DRAFTING TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2163	Draughtsman/woman				
	Architectural Draftsman/woman	3	2	3	
	Design and Drafting Technologist			1	
	Drafting Technician		1		
	Draftsman/woman, Estimator			1	
	Mechanical Draftsman/woman			1	
	Misc. Metal Draftsman/woman			1	
	Structural Detailer	1			
	Structural Technician	1			
	Junior Draftsman/woman				1
	Draftsman/Supervisor				1
	Draftsperson				1
	Structural Steel Detailer				1
	Hydraulic Design Technologist				1
2144	Electrical Engineers				
	Vibration/Sound Isolation Designer				1
2165	Architectural & Engineering Technologists and Technicians				
	Architectural Technologist	1		1	
	Project Coordinator - Engineering Technologist	1			
	Technical Designer Consultant			1	
4155	Stock Clerks and Related Occupations				
	Sub-assembly Coordinator				1
8796	Inspecting & Testing Occupations, Construction, Except Electrical				
	Building Examiner			1	
		7	3	10	7

Course:	ARCHITECTURAL DRAFTING (2163)
Course Type:	Certificate
Colleges Where Course Offered:	Red River Community College Assiniboine Community College

Course Description:

The Architectural Drafting course has been designed to produce junior architectural technicians who can produce working drawings of how a building is to be constructed. The general responsibility of a junior architectural technician is to prepare drawings showing internal, external or other architectural features of office blocks, residential structures, industrial, commercial and other buildings. Other duties include: preparing preliminary sketches, estimating the type, quality and quantity of materials needed and computing costs. After gaining experience in their field, graduates may find employment as estimators, building inspectors, specification writers, technical representatives, construction supervisors or salespeople of building product lines.

Possible Employment Establishments:

- Consulting firms - architectural, engineering
- Telecommunications
- Private industries
- Government offices
- Surveyors
- Builders
- Land developers

Survey Data For Years 1976-1979

Number of responses:	122
Number employed:	107
Number unemployed and seeking work:	5
Number not seeking work:	10
Percentage who found jobs in Winnipeg:	62.9
Percentage who found jobs in rural Manitoba:	23.8
Percentage who found jobs outside Manitoba:	13.3
Average weekly (hourly) earnings, 1978 grads:	$234.90 ($6.00)

Percentage Employed:

		Male	Female
Graduates:	1977	75.8	24.2
	1978	70.0	30.0

ARCHITECTURAL DRAFTING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
1137	Sales & Advertising Management Occupations				
	Commercial Contract Sales Coordinator			1	
2161	Surveyors				
	Project Engineer				1
	Survey Technician				1
2163	Draughtsman/woman				
	Architectural Draftsman/woman	2	5	6	5
	Cabinet Estimator		1		
	Carpenter/Draftsman/woman			1	
	Contract Estimator/Draftsman/woman			1	
	Drafting Clerk			1	
	Drafting Detailer	1			
	Draftsman/woman	5	8	2	2
	Draftsman/woman/Installer			1	
	Electrical Draftsman/woman	3	1		
	Engineering Aid	3			
	Engineering Draftsman/woman			1	
	Junior Draftsman/woman	1	2	1	2
	Mechanical Draftsman/woman			1	
	Technician I	1			
	Survey Draftsman/woman	1		1	
	Window Draftsman/woman			1	
	Drafting Technician I				1
	Structural Detailer				1
	Structural Technician				1
2165	Architectural & Engineering Technologists and Technicians				
	Engineering Assistant	1			
	Estimator			1	1
	Steel and Building Estimator	1			
	Sub-Contractor		1		
	Sub-Contractor Estimator			1	
	Dry Wall Estimator				1
3313	Product and Interior Designers				
	Garment Factory Artist		1		
4131	Bookkeepers and Accounting Clerks				
	Junior Bookkeeper			1	
4143	Electronic Data Processing Equipment Operators				
	Keypunch Operator			1	
4171	Receptionists and Information Clerks				
	Receptionist	1			
4193	Travel Clerks, Ticket, Station & Freight Agents				
	Reservations Clerk			1	
4199	Other Clerical & Related Occupations, n.e.c.				
	Order Filler		1		
	Order Service (Clerk)			1	
5130	Supervisors: Sales Occupations, Commodities				
	Assistant Manager			1	
5133	Commercial Travellers				
	Salesperson				1

ARCHITECTURAL DRAFTING (cont'd)

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
5135	Salespersons, Commodities, n.e.c.				
	Floor Covering Salesperson			1	
	Salesperson		1		
5137	Sales Clerks, Commodities				
	Sales Clerk			2	
	Store Clerk		1		
6125	Food and Beverage Serving Occupations				
	Waiter/Waitress			1	
7113	Animal Farmers			1	
	Farmer				
8213	Baking, Confectionary Making and Related Occupations				
	Baker's Helper	1			
8330	Foremen/women, Metal Shaping and Forming Occupations, Except Machining				
	Estimator/Supervisor				1
8339	Metal Shaping and Forming Occupations, Except Machining, n.e.c.				
	Kitchen Equipment (Layout)				1
8583	Rail Transport Equipment Mechanics & Repairers				
	Engine Watchman/woman		1		
8781	Carpenters & Related Occupations				
	Builder			1	
8784	Plasterers & Related Occupations				
	Stucco Contractor			1	
8799	Other Construction Trades Occupations, n.e.c.				
	Laborers - Highways			1	
	Maintenance Repairer			1	
9130	Foremen/women, Railway Transport Operating Occupations				
	Switchman Foreman/woman				1
9173	Taxi Drivers and Chauffeurs				
	Taxi Driver		1		
9175	Truck Drivers				
	Truck Driver		2		
9315	Material-Handling Equipment Operators, n.e.c.				
	Storekeeper			1	
9918	Occupations in Labouring & Other Elemental Work, n.e.c.				
	Machine Tender		1		
		21	27	35	21

Course: MECHANICAL SYSTEMS DRAFTING (2163)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College
- Mechanical Systems Drafting

Assiniboine Community College
- Engineering Drafting

Course Description:

The Mechanical Systems Drafting course has been designed to produce a junior to intermediate level technician who can produce working drawings of plumbing, heating, air conditioning and sprinkler systems required in buildings. As well as preparing detailed drawings, the mechanical systems drafting technician may calculate heat loss and gain for buildings and assist in determining equipment specifications. After gaining experience, graduates may find employment related to mechanical systems drafting as estimators, building inspectors, specification writers, technical representatives, construction supervisors or salespeople of building product lines.

Possible Employment Establishments:

Mechanical consultants	Refineries
Engineering consultants	Chemical plants
Private industries	General machine shops
Mines	Pulp and paper mills
Railroads	Hydro electric power stations
Airlines	

Survey Data For Years 1976-1979

Number of responses:	37
Number employed:	31
Number unemployed and seeking work:	4
Number not seeking work:	2
Percentage who found jobs in Winnipeg:	71.0
Percentage who found jobs in rural Manitoba:	16.1
Percentage who found jobs outside Manitoba:	12.9
Average weekly (hourly) earnings, 1978 grads:	$253.53 ($6.69)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	66.7	33.3

MECHANICAL SYSTEMS DRAFTING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2163	Draughtsman/woman				
	Draftsman/woman			1	
	Junior Designer			1	
	Mechanical Draftsman/woman			2	
	Mechanical Systems Draftsman/woman	3	4		1
	Architectural Draftsperson				1
	Drafting Technologist				1
	Industrial Engineering Draftsman				1
	Junior Draftsman/woman				1
2165	Architectural and Engineering Technologists and Technicians				
	Civil Architectural & Structural Draftsman/woman	1			
	Engineering Technician	1			
	Industrial Engineering Analyst	1			
5130	Supervisors: Sales Occupations, Commodities				
	Manager, General Contracting				1
5135	Salespersons, Commodities, n.e.c.				
	Sales Technician	1			
5137	Sales Clerks, Commodities				
	Salesperson		1		
5171	Insurance Sales Occupations and Agents				
	Life Insurance Salesperson			1	
5193	Route Drivers				
	Driver Salesman/woman				1
7111	General Farmers				
	Farmer	1			
7518	Occupations in Labouring and Other Elemental Work, Forestry and Logging				
	Seventh Helper				1
8331	Forging Occupations				
	Labourer				1
8526	Inspecting & Testing Occupations, Fabricating & Assembling Metal Products, n.e.c.				
	Instrument Technician	1			
8799	Other Construction Trades Occupations, n.e.c.				
	Floor Covering Contractor		1		
9533	Stationary Engine & Auxiliary Equipment Operating & Maintaining Occupations				
	Assistant Shift Engineer			1	
	Servicer			1	
		9	6	7	9

Course: PAINTING AND DECORATING (8785)
Course Type: Certificate
Colleges Where Course Offered: Red River Community College

Course Description:
The Painting and Decorating course prepares individuals for occupations concerned with applying paint, varnish, stain, enamel or lacquer to decorate and protect interior or exterior surfaces, trimmings and fixtures of buildings and other structures. The Painter must remove old paint, fill and seal holes and cracks in surfaces, select premixed paints or prepare paint by mixing the appropriate additives and apply paint to surfaces using brush, roller or spray equipment. Other duties of painters include wood finishing and paper hanging.

Possible Employment Establishments:

Painting and decorating businesses	Public utilities
Painting contractors	Manufacturing companies
Governments	Paint supply stores

Survey Data for Years 1976-1979

Number of responses:	21	
Number employed:	17	
Number unemployed and seeking work:	4	
Number not seeking work:	NIL	
Percentage who found jobs in Winnipeg:	64.7	
Percentage who found jobs in rural Manitoba:	23.5	
Percentage who found jobs outside Manitoba:	11.8	
Average weekly (hourly) earnings, 1978 grads:	$266.33	($5.55)

Percentage Employed:

		Male	Female
Graduates:	1977	90.9	9.1
	1978	100.0	0.0

PAINTING AND DECORATING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
4197	General Office Clerks				
	Clerk II			1	
5135	Salespersons, Commodities, n.e.c.				
	Salesperson			1	
6115	Guards & Related Security Occupations				
	Security Guard			1	
6149	Personal Service Occupations, n.e.c.				
	Day Care Worker			1	
6191	Janitors, Charworkers and Cleaners				
	Janitor			1	
8581	Motor-Vehicle Mechanics & Repairers				
	Painter/Mechanic			1	
8785	Painters, Paperhangers & Related Occupations				
	Apprentice Painter	1	2		1
	Painter/Decorator			3	
	Painter/Window Washer			1	
	Painter				1
8798	Occupations in Labouring & Other Elemental Work, Other Construction Trades				
	Construction Labourer			1	
9173	Taxi Drivers and Chauffeurs				
	Taxi Driver				1
		1	2	11	3

Course: PIPING TRADES (PLUMBING) (8791)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College
Assiniboine Community College

Course Description:

The Piping Trades (Plumbing) course has been designed to prepare individuals for occupations concerned with installing and repairing pipelines, plumbing and related equipment for water, gas, steam, sewage or other materials. Graduates of the Piping Trades (Plumbing) program may be granted credit towards the five-year plumbing apprenticeship. Many apprentice plumbers find employment with plumbing or heating contractors and with industrial maintenance. After reaching the journeyman/woman level, individuals are qualified to work as plumbers, steamfitters or pipefitters. Experienced journeymen/women may find employment as foremen/women, estimators, plumbing contractors or building inspectors.

Possible Employment Establishments:

Hydro stations
Plumbers and plumbing contractors
Plumbing supplies shop

Survey Data for Years 1976-1979

Number of responses:	58	
Number employed:	55	
Number unemployed and seeking work:	2	
Number not seeking work:	1	
Percentage who found jobs in Winnipeg:	72.7	
Percentage who found jobs in rural Manitoba:	18.2	
Percentage who found jobs outside Manitoba:	9.1	
Average weekly (hourly) earnings, 1978 grads:	$224.79	($5.72)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	92.9	7.1

PIPING TRADES (PLUMBING)

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
3134	Nursing Assistants				
	Practical Nurse - A1				1
4153	Shipping and Receiving Clerks				
	Plumbing Supplies Shipper	1			
	Shipper/Receiver				1
5133	Commercial Travellers				
	Route Salesman				1
6190	Supervisors, Other Service Occupations				
	Assistant Manager - Roller Rink				1
6191	Janitors, Charworkers and Cleaners				
	Janitor	1			
8715	Railway Section and Track Workers				
	Labourer				1
8736	Inspecting & Testing Occupations: Electrical Power, Lighting & Wire Communications Equipment Erecting, Installing & Repairing				
	Electrical Maintenance Technician Trainee	1			
8780	Foreman/woman, Other Construction Trades Occupations				
	Concrete Foreman/woman			1	
8791	Pipefitting, Plumbing, and Related Occupations, n.e.c.				
	Apprentice Plumber	9	7	8	8
	Apprentice Plumber II			1	
	Home Repairer			1	
	Piping Trades			2	
	Plumber			3	
	Plumber III			1	
	Plumber Helper			1	
	Plumber - Rec. Homes				1
9175	Truck Drivers				
	Furniture Delivery Driver	1			
	Tractor Trailer Driver	1			
		14	7	18	14

Course: MASONRY (8782)
Course Type: Certificate
Colleges Where Course Offered: Red River Community College

Course Description:

The Masonry course has been designed to train individuals in the art of brick laying. Graduates of the Masonry program may be granted credit towards the four-year masonry apprenticeship. After reaching the journeyman/woman level, individuals are qualified to work in occupations concerned with preparing and laying brick, stone, concrete block, tile, marble, refractory and related materials, using chisels, hammers, trowels, levels and other hand tools. Activities generally include mixing mortar, cutting materials to shape, laying out, aligning and setting materials. Journeymen/women may find employment as masons, foremen/women, estimators, draftspeople, contractors, building inspectors, maintenance people and sales representatives.

Possible Employment Establishments:

Masonry companies and contractors

Survey Data for Years 1976-1979

Number of responses:	15	
Number employed:	13	
Number unemployed and seeking work:	1	
Number not seeking work:	1	
Percentage who found jobs in Winnipeg:	84.6	
Percentage who found jobs in rural Manitoba:	15.4	
Percentage who found jobs outside Manitoba:	NIL	
Average weekly (hourly) earnings, 1978 grads:	$225.67	($5.02)

Percentage Employed:

		Male	Female
Graduates:	1977	no data	
	1978	100.0	0.0

MASONRY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
7191	Dairy Workers, Farm				
	Farm Labourer				1
7195	Nursery and Related Workers				
	Labourers, Parks and Recreation			1	
8711	Excavating, Grading & Related Occupations				
	Overhead Crane Operator			1	
8782	Brick and Stone Masons & Tile Setters				
	Apprentice Bricklayer	1	1	1	
	Apprentice Mason	2		1	1
	Bricklayer		1		1
	Construction Bricklayer			1	
		3	2	5	3

Course: UPHOLSTERY (8562)
Course Type: Certificate
Colleges Where Course Offered: Red River Community College

Course Description:

The Upholstery course has been designed to prepare individuals for occupations concerned with making, rebuilding and repairing various upholstered products such as chairs, sofas, automobile seats, cushions, mattresses, and casket interiors and exteriors. Activities generally include: spring construction, foam rubber application, cutting, sewing, covering, gluing, tacking, woodworking and wood surface refinishing. As well as the above, upholsterers in custom shops usually discuss fabrics, colour, style and cost with customers. Graduates of this course may also find employment as estimators, furniture salespeople and inspectors.

Possible Employment Establishments:

Furniture manufacturing companies
Custom upholstery shops

Survey Data for Years 1976-1979

Number of responses:	6
Number employed:	5
Number unemployed and seeking work:	NIL
Number not seeking work:	1
Percentage who found jobs in Winnipeg:	40.0
Percentage who found jobs in rural Manitoba:	60.0
Percentage who found jobs outside Manitoba:	NIL
Average weekly (hourly) earnings, 1978 grads:	***

Percentage Employed:

		Male	Female
Graduates:	1977	0.0	100.0
	1978	100.0	0.0

*** Too few responses to report information for 1978.

UPHOLSTERY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
8536	Inspecting & Testing Occupations: Fabricating, Assembling, Installing & Repairing Electrical Electronic & Related Equipment				
	Electronics Inspector/Tester		1		
8550	Foremen/women, Fabricating, Assembling and Repairing Occupations: Textile, Fur and Leather Products				
	Upholstery Shop Owner		1		
	Upholstery Manager				1
8562	Upholsterers				
	Furniture Upholsterer			1	
	Upholsterer				1
			2	1	2

Course:	WELDING (8335)
Course Type:	Certificate
Colleges Where Course Offered:	Red River Community College Assiniboine Community College Keewatin Community College (2-month course)

Course Description:

The Welding course has been designed to prepare individuals for occupations concerned with joining, surfacing, cutting or otherwise fabricating and repairing ferrous and non-ferrous metal parts and structures. Activities generally include setting up and operating gas or electric welding, soldering, brazing and cutting equipment, and joining or shaping lead products or parts, using a gas torch. Many graduates seek employment in the areas of aircraft maintenance, manufacturing of farm equipment and heavy equipment repairs.

Possible Employment Establishments:

Welding shops	Hydro electric construction
Manufacturers	Pipeline construction and maintenance
Concrete companies	Highway construction
Steel fabrication industry	Other private industries

Survey Data for Years 1976-1979

Number of responses:	91	
Number employed:	85	
Number unemployed and seeking work:	5	
Number not seeking work:	1	
Percentage who found jobs in Winnipeg:	41.7	
Percentage who found jobs in rural Manitoba:	46.4	
Percentage who found jobs outside Manitoba:	11.9	
Average weekly (hourly) earnings, 1978 grads:	$285.53	($6.78)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

WELDING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
1179	Occupations Related to Management and Administration, n.e.c.				
	Road and Stage Manager	1			
3157	Dental Hygienists, Assistants & Technicians				
	Trainee/Set-Up Person - Dental Lab			1	
4161	Library and File Clerks				
	Video Tape Librarian	1			
5145	Service Station Attendants				
	Service Attendant			1	
7111	General Farmers				
	Farmer			3	2
7115	Crop Farmers				
	Grain Farmer				1
7181	General Workers, Farm				
	Farm Hand				1
7198	Occupations in Labouring & Other Elemental Work: Farming, Horticulture & Animal Husbandry				
	Farm Labourer	1		1	
7313	Fisherman/woman: Net, Trap and Line				
	Commercial Fisherman/woman			1	
8160	Foremen/women, Chemicals, Petroleum, Rubber, Plastic, and Related Materials Processing Occupations				
	Shop Foreman				1
8238	Occupations in Labouring & Other Elemental Work: Wood Processing, Except Paper Pulp				
	Saw Mill Labourer	1			
8299	Other Processing Occupations, n.e.c.				
	Labourer			1	
8313	Machinist and Machine - Tool Setting-Up Occupations				
	Machinist				1

WELDING (cont'd)

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
8333	Sheet-Metal Workers				
	Sheet Metal Worker			1	
8334	Metal Working - Machine Operators, n.e.c.				
	Withdrawal Man				1
8335	Welding and Flame Cutting Occupations				
	Apprentice Welder		1		
	Arc Welder			1	1
	Fabrication Welder	1			
	Layout Burner/Torch Cutter			1	
	Production Welder			1	3
	Shop Welder			1	
	Spot Welder			1	
	Tig Welder			1	
	Track Maintenance Welder			1	
	Welder	1	3	8	2
	Welder Fitter	1		2	2
	Welding Shop Owner			1	
	Asme Welder				1
	Construction Welder				1
	Crusher Welder				1
	Iron Worker				1
	Maintenance Welder				1
	Manufacturing Welder				1
	Mig Welder				1
	Specialized Welder				1
	Structural Ironworker Welder				1
	Welder I				1
	Welder - Second Class				1
8583	Rail Transport Equipment Mechanics & Repairers				
	Car Worker Trainee			2	
	Carman Apprentice				1
8584	Industrial, Farm & Construction Machinery Mechanics & Repairers				
	Diesel Technician			1	
	Farm Machinery Repairer			1	
8598	Occupations in Labouring & Other Elemental Work Product Fabrication, Assembling and Repairing, n.e.c.				
	General Factory Helper	1			

WELDING (comt'd)

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
8711	Excavating, Grading & Related Occupations				
	Utility Person IV			1	
	Loader Operator				1
	Cat Operator				1
8733	Construction Electricians & Repairers				
	Electrician's Helper		1		
8780	Foreman/woman, Other Construction Trades Occupations				
	Bridge Foreman/woman			1	
8793	Structural - Metal Erectors				
	Labourer				1
8798	Occupations in Labouring and Other Elemental Work, Other Construction Trades				
	General Labourer				1
9133	Conductors and Brake Workers, Railway				
	Brake Worker	1			
	Brakeman				1
9199	Other Transport and Related Equipment Operating Occupations, n.e.c.				
	Crew Dispatcher				1
9315	Material-Handling Equipment Operators, n.e.c.				
	Construction Worker				1
9533	Stationary Engine and Auxiliary Equipment Operating and Maintaining Occupations				
	Operator				1
9888	Job Titles Not Provided				
	Traffic Servicer			1	
	Labourer				1
		9	5	34	36

Course: SHEET METAL (8333)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Sheet Metal course is designed to provide the necessary skill and knowledge of sheet metal design, fabrication, and installation for the graduate to be able to find work. Successful completion of the course qualifies the graduate for a certificate of attainment. Sheet metal workers fabricate their finished products from flat sheets, using patterns they develop themselves. Graduates can work in domestic, commercial, and industrial areas of heating, ventilation, and air conditioning industries.

Possible Employment Establishments:

Stainless steel kitchen and refrigeration equipment manufacturers
Commercial sign making companies
Aircraft industry

Survey Data From 1977-78 Graduates

Number of responses:	11
Number employed:	8
Number unemployed and seeking work:	NIL
Number not seeking work:	3
Percentage who found jobs in Winnipeg:	87.5
Percentage who found jobs in rural Manitoba:	NIL
Percentage who found jobs outside Manitoba:	12.5
Average weekly (hourly) earnings, 1978 grads:	$252.33 ($5.87)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

SHEET METAL

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1977	1978
8330	Foreman/woman, Metal Shaping & Forming Occupations, Except Machining		
	Production Worker "A" Lead Hand	1	
8333	Sheet-Metal Workers		
	Sheet Metal Worker	1	
	Metal Worker Helper		1
	Sheet Metal Apprentice		1
8334	Metalworking-Machine Operators, n.e.c.		
	Brake Operator (Machinist)	1	
8511	Engine and Related Equipment Fabricating and Assembling Occupations, n.e.c.		
	Turbo Assembler	1	
8583	Rail Transport Equipment Mechanics and Repairers		
	Carman Trainee		1
8799	Other Construction Trades Occupations, n.e.c.		
	Eavestrough and Siding Installer	1	
		5	3

Course: MACHINE SHOP PRACTICE (8313)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College
Assiniboine Community College

Course Description:

The Machine Shop Practice course prepares individuals for occupations concerned with setting up and operating various machine tools to shape metal into parts or products of specified dimensions. After successfully completing Term I, a student may find employment as a machine tool operator, a machinist's helper or a machine shop inspector. A student who successfully completed Term II is qualified to work as a more advanced machine tool operator or as an apprentice machinist in a variety of areas. Activities generally include: measuring, laying out and setting up work pieces; making mathematical computations and reading mechanical drawings; machining work to specifications by boring, milling, turning, sawing, precision grinding, and planning and associated fitting, assembling and repairing of metal parts; setting up machine tools for less skilled operators to perform repetitive work and checking samples of first-run workpieces; and machining of other materials when methods applied to metal machining are used.

Possible Employment Establishments:

- Manufacturers
- Machine shops
- Engine shops
- Pulp and paper mills
- Aircraft, automotive, mining, manufacturing, and repairing
- Hospitals
- Construction industry

Survey Data for Years 1976-1979

Number of responses:	58
Number employed:	51
Number unemployed and seeking work:	5
Number not seeking work:	2
Percentage who found jobs in Winnipeg:	60.8
Percentage who found jobs in rural Manitoba:	27.5
Percentage who found jobs outside Manitoba:	11.7
Average weekly (hourly) earnings, 1978 grads:	$236.20 ($5.60)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	93.3	66.7

MACHINE SHOP PRACTICE
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2147	Mechanical Engineers				
	Shop Labourer		1		
2165	Architectural Engineering Technologists and Technicians				
	Biomedical Machinist		1		
4155	Stock Clerks and Related Occupations				
	Parts Clerk	1			
5135	Salespersons, Commodities, n.e.c.				
	Sales Clerk	1			
5137	Sales Clerks, Commodities				
	Grocery Store Clerk	1			
7111	General Farmers				
	Farmer				1
7719	Mining & Quarrying Including Oil and Gas Field Occupations, n.e.c.				
	Underground Miner		1		
8148	Occupations in Labouring & Other Elemental Work, Metal Processing				
	General Labourer	1			
8311	Tool and Die Making Occupations				
	Tool and Die Maker			1	
	Tool Maker Apprentice			1	
8313	Machinist and Machine-Tool Setting-Up				
	Apprentice Machinist	3	5	5	5
	Machinist	3	2		2
	Machinist Helper III	1			
	Machinist Helper				1
	Machinist - Fitter				1
	Machine Operator				1
8315	Machine-Tool Operating Occupations				
	Machine Operator		1		
8335	Welding and Flame Cutting Occupations				
	Production Welder				1
8371	Cutting & Shaping Occupations: Clay, Glass, Stone and Related Materials				
	Machine Operator	1			
8581	Motor-Vehicle Mechanics and Repairers				
	Automobile Mechanic		1		
8582	Aircraft Mechanics and Repairers				
	Aircraft Machine Shop Trainee	1			
8584	Industrial, Farm and Construction Machinery Mechanics and Repairers				
	Mechanic				1
8589	Other Mechanics and Repairers, n.e.c.				
	Servicer		1		
8780	Foremen/women, Other Construction Trades Occupations				
	Framing Contractor				1
8799	Other Construction Trades Occupations, n.e.c.				
	Maintenance Worker		1		
9175	Truck Drivers				
	Truck Driver			1	
9535	Water and Sanitation Utilities Equipment Operating Occupations				
	Labourer				1
		13	14	8	15

Course:	MACHINE DRAFTING (2163)
Course Type:	Certificate
Colleges Where Course Offered:	Red River Community College

Course Description:

The Machine Drafting course has been designed to produce junior technicians who can produce working drawings of industrial machines, machine parts, engines, tools and other mechanical equipment. Activities generally include drafting general assembly and detail drawings of gears, levers, pulleys and reduction gears indicating dimensions and tolerance, fasteners and joining requirements and other engineering data. Other duties of machine drafting technicians include the preparation of working drawings showing methods of manufacture, joining and fastening. After gaining experience, graduates may find employment as technical representatives or salespeople for metal working equipment and products and also as shop inspectors and estimators.

Possible Employment Establishments:

Electrical engineering consultants	Tool and die production shops
Governments	Electrical parts manufacturers
Farm machinery manufacturers	Other private industries

Survey Data for Years 1976-1979

Number of responses:	22	
Number employed:	18	
Number unemployed and seeking work:	2	
Number not seeking work:	2	
Percentage who found jobs in Winnipeg:	88.9	
Percentage who found jobs in rural Manitoba:	11.1	
Percentage who found jobs outside Manitoba:	NIL	
Average weekly (hourly) earnings, 1978 grads:	$290.67	($6.84)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

MACHINE DRAFTING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2161	Surveyors				
	Land Surveyor	1			
2163	Draughtsman/woman				
	Drafting Technician	2			
	Draftsman/woman			1	
	Intermediate Draftsman/woman	2			
	Junior Draftsman/woman (Machine)			1	
	Junior Mechanical Draftsman/woman			1	
	Machine Draftsman/woman			1	1
	Mechanical Draftsman/woman	2	1		1
	Profile Extrusion Draftsman/woman		1		
	Re-Bar Detailer			1	
	Structural Detailer			1	
8590	Foremen/women, Product Fabricating, Assembling and Repairing Occupations				
	Quality Controller				1
		7	2	6	3

Course: MINERAL SCIENCES TECHNICIAN/TECHNOLOGY (2153)

Course Type: Certificate (Technician Course) or Diploma (Technology Course)

Colleges Where Course Offered: Keewatin Community College

Course Description:

The Mineral Sciences Technician course is a general introductory certificate course to the fields of mining, geology and extractive metallurgy. Graduates of this course may find employment as mine surveyors and draftspersons, base metal assayers, geology assistants and mill technicians. The program is a prerequisite to the Mineral Sciences Technology course which prepares individuals for supervisory positions, primarily in support of design and development in areas of employment similar to the above. The main responsibility of a mineral sciences technologist is assisting in underground and surface mining activities such as planning and surveying, stops development, developing improved production-drilling techniques, mine ventilation layout, and ore-dressing metallurgy and metal refiring.

Possible Employment Establishments:

Mining companies

Survey Data for Years 1976-1979

Number of responses:	10	
Number employed:	9	
Number unemployed and seeking work:	NIL	
Number not seeking work:	1	
Percentage who found jobs in Winnipeg:	22.2	
Percentage who found jobs in rural Manitoba:	44.4	
Percentage who found jobs outside Manitoba:	33.4	
Average weekly (hourly) earnings, 1978 grads:	$450.59	($8.58)

Percentage Employed:

		Male	Female
Graduates:	1977	no data	
	1978	100.0	0.0

MINERAL SCIENCES TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
1130	General Managers and Other Senior Officials				
	Project Superintendent				1
2111	Chemists				
	Metalurgic Analyst I				1
2117	Physical Sciences Technologists & Technicians				
	Mine Geologist		1		
	Geological Technician				1
2161	Surveyors				
	Surveyor's Assistant		1		
2165	Architectural and Engineering Technologists and Technicians				
	Ventilation Engineer				1
7719	Mining & Quarrying Including Oil and Gas Field Occupations, n.e.c.				
	Underground Shift Boss	1			
8336	Inspecting and Testing Occupations, Metal Shaping and Forming, Except Machining				
	Mine Ventilation Inspector				1
8798	Occupations in Labouring & Other Elemental Work, Other Construction Trades				
	Construction Labourer		1		
		1	3		5

NOT OFFERED

Course: COMPUTER TECHNOLOGY (8335)

Course Type: Two-year Diploma

Colleges Where Course Offered: Red River Community College
Assiniboine Community College - not offered in 1978

Course Description:

The Computer Technology course prepares individuals for occupations concerned with both the hardware and software aspects of the computer industry. Graduates may find employment as customer engineers or maintenance personnel for installers of computer systems. Activities generally include: installing duties such as mounting, securing, interconnecting and adjusting assemblies and units; repairing duties such as disassembling, fault locating and diagnosis, replacing components and reassembling equipment. Graduates may also find employment as computer application technologists with industries using computers in process control and scientific application. Here activities usually include analyzing computer systems and providing advise on availability and use of electronic data processing resources, capabilities and technological development.

Possible Employment Establishments:

Computer manufacturing & maintenance	Banks
Telephone systems	Post Office
Camera manufacturers	Other private business
Hydro electric stations	

Survey Data for Years 1976-1979

Number of responses:	37	
Number employed:	32	
Number unemployed and seeking work:	3	
Number not seeking work:	2	
Percentage who found jobs in Winnipeg:	68.8,	
Percentage who found jobs in rural Manitoba:	12.5	
Percentage who found jobs outside Manitoba:	18.7	
Average weekly (hourly) earnings, 1978 grads:	$236.66	($6.03)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

COMPUTER TECHNOLOGY
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2144	Electrical Engineers				
	Engineering Technologist	1			
2165	Architectural & Engineering Technologists and Technicians				
	Electronic Technician			1	
	Job Engineer	1			
	Senior Industrial Mechanic		1		
	Technologist	1			
	Telecontrol Technician	1			
	Electronic/Mechanical Technologist				1
2183	Systems Analysts, Computer Programmers and Related Occupations				
	Field Service Technician II	1			
	Programmer			1	
4143	Electronic Data-Processing Equipment Operators				
	Computer Operator		3		
	Computer Technologist			1	
	Data Processing Customer Engineer			1	
5131	Technical Salesperson and Related Advisers				
	Sales Manager	1			
	Salesperson		1		
	Field Service Representative	1			
7195	Nursery and Related Workers				
	Nursery Attendant	1			
8535	Electronic & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Communications Technician	1			
	Computer Technologist			2	
	Customer Engineer			1	
	Equipment Service Representative	1	1		
	Field Engineer/Technician			1	
	Technician I			1	
	Electronic/Mechanical Technologist				1
	Developmental Technologist				1
8536	Inspecting & Testing Occupations; Fabricating, Assembling, Installing & Repairing Electrical, Electronic and Related Equipment				
	Computer Servicer	1			
	Computer Technical Representative	1			
	Data Test Records Man				1
8586	Inspecting & Testing Occupations, Equipment Repair, n.e.c.				
	Telecontrol Technician Trainee		1		
		12	7	9	4

Course: ELECTRONIC TECHNOLOGY (2165)

Course Type: Two-year Diploma

Colleges Where Course Offered: Red River Community College
Assiniboine Community College - 1 year
Electronic Technician Certificate only

Course Description:

The Electronic Technology course prepares individuals for occupations concerned with performing technological functions in various aspects of electronic engineering, primarily in support of research, design and development. Activities include: determining circuit-layouts, designing signal circuits, constructing prototypes from approved sketches or drawings, installing circuitry, evaluating performance and reliability of prototypes and devising and modifying electronic testing instruments. Students who choose to terminate training after one year of the course receive an Electronic Technician's Certificate. Employment opportunities as a technician or technologist exist in research, installation, maintenance, design, production, building, testing and industrial marketing of electronic equipment.

Possible Employment Establishments:

- Air transportation
- Telecommunications - telephone, radio, television
- Universities
- Equipment repair services
- Electrical equipment manufacturers
- Governments
- Hydro electric power stations
- Post office
- Music stores
- Hospitals

Survey Data for Years 1976-1979

Number of responses:	146	
Number employed:	139	
Number unemployed and seeking work:	2	
Number not seeking work:	5	
Percentage who found jobs in Winnipeg:	76.1	
Percentage who found jobs in rural Manitoba:	16.7	
Percentage who found jobs outside Manitoba:	7.2	
Average weekly (hourly) earnings, 1978 grads:	$282.87	($6.48)

Percentage Employed:

		Male	Female
Graduates:	1977	97.8	2.2
	1978	97.1	2.9

ELECTRONIC TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
1116	Inspectors and Regulatory Officers, Government				
	Radio Inspector				1
1137	Sales & Advertising Management Operations				
	Audio Retail Corp. President			1	
1145	Management Occupations, Construction Operations				
	Industrial and Commercial Contractor	1			
1147	Management Occupations, Transport and Communications Operations				
	Plant Technician				1
2144	Electrical Engineers				
	Audio Engineer			1	
	Technologist		2		
2147	Mechanical Engineers				
	Mechanical Engineer	1			
2163	Draughting Occupations				
	Design Technologist				1
2165	Architectural & Engineering Technologists and Technicians				
	Associate Engineer	1			
	Circuit Layout Designer	1			
	Communications Technician	1			
	Electronic Engineering Technologist			1	
	Electronic Equipment Assembler	1			
	Electronic Technician	5	2	9	
	Electronic Technologist	3	3	1	1
	Engineering Associate			1	
	Engineering Technologist	1			
	Engineering Trainee	1			
	Equipment Engineer			1	
	Industrial Engineering Technician		1		
	Job Engineer	1		1	
	Medical Electronic Technologist			1	
	Postal Systems Technician			2	
	Technician II			1	
	Technical Trainee	1			
	Test Technician		1		
	Traffic Signals Technician		1		
	Transmitter Technician	1			
	Telemetry Technician				1
	Engineering Assistant				2
	Manufacturing Technician				1
4192	Adjusters, Claim				
	Field Service Representative		1		
5130	Supervisors: Sales Occupations, Commodities				
	Owner/Operator - Electronic Shop				1
5131	Technical Salespersons & Related Advisers				
	Inside Sales Clerk			1	
5137	Sales Clerks, Commodities				
	Grocery Store Clerk	1			
	Food Clerk			1	

ELECTRONIC TECHNOLOGY (CONT.)
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
5179	Sales Occupations: Services, n.e.c.				
	Service Representative		1		
6111	Fire-Fighting Occupations				
	Fire Fighter		1		
7197	Farm-Machinery Operators and Custom Operators				
	Sod Worker			1	
8530	Foreman/woman: Fabricating, Assembling, Installing & Repairing Occupations, Electrical Electronic & Related Equipment				
	Electronic Test Supervisor			1	
	Manufacturing Group Foreman/woman			1	
8533	Electrical & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Dialysis Technologist			1	
	Laboratory Equipment Servicer	1			
8534	Electronic Equipment Fabricating and Assembling Occupations				
	Customer Engineer				1
8535	Electronic & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Automatic Plant Technician			1	
	Broadcast Engineer	1			
	Computer Technician		1		
	Field Service Representative			1	
	Radio Technician		1		
	Service Representative	1			
	Systems Technician & Mechanic		1		
	Technical Services Representative			1	
	Telecontrol Technician	3	2	2	
	Telecontrol Technician Trainee			4	
	Television Maintenance Technician			1	
	Electronic Technician				5
	Field Engineer				2
	Electronic Repair Technician				1
	Radio Engineer				1
	Transmitter Maintenance Technician				1
	Technical Maintenance Technician				1
	Communication Trainee				1
	Technical Representative				1
8536	Inspecting & Testing Occupations: Fabricating Assembling, Installing & Repairing Electrical, Electronic & Related Equipment				
	Final Test Technician			1	
	Testing and Regulating Technician	1			
	Electronic Technician				3
	Test Technologist				1
	Chief Test Technologist				1
	Radio Inspector				1
8537	Radio and Television Repair Services				
	Radio Technologist		1		
	Service Technician	1		1	
	Television Technician			1	
	Electronic Technician				1

ELECTRONIC TECHNOLOGY (cont'd)

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
8582	Aircraft Mechanics and Repairers				
	Avionics Technician	1		1	
8735	Wire Communications & Related Equipment Installing & Repairing Occupations				
	Radio Technician	1			
	Telephone Installer			1	
	Telephone District Man				1
9113	Air Transport Operating Support Occupations				
	Console Operator	1			
9175	Truck Drivers				
	Truck Driver				1
9311	Hoisting Occupations, n.e.c.				
	Feed Lot Cleaner				1
9533	Stationary Engine and Auxiliary Equipment Operating and Maintaining Occupations				
	Power Engineer				1
9551	Radio & Television Broadcasting Equipment Operators				
	Operator Technician	1			
9559	Electronic & Related Communications Equipment Operating Occupations, n.e.c.				
	Radio Inspector	5	2	1	
	Telecommunications Regulatory Inspector		1		
		37	22	42	34

Course: TELECOMMUNICATIONS (8735)
Course Type: Certificate
Colleges Where Course Offered: Red River Community College

Course Description:

The Telecommunications course prepares individuals for occupations concerned with monitoring, controlling and operating radio and telecommunications equipment. Activities include activating, controlling and adjusting equipment used to transmit and receive messages. Graduates may be employed with telephone and telecommunication companies as installers, trouble-shooters and maintenance people, or with manufacturers of telecommunications equipment as installers, service technicians and technical sales representatives.

Possible Employment Establishments:

Broadcasting corporations	Telephone companies
Radio communications	Banks - data centres
Railway companies	Telecommunication companies

Survey Data for Years 1976-1979

Number of responses:	36
Number employed:	34
Number unemployed and seeking work:	1
Number not seeking work:	1
Percentage who found jobs in Winnipeg:	70.6
Percentage who found jobs in rural Manitoba:	11.8
Percentage who found jobs outside Manitoba:	17.6
Average weekly (hourly) earnings, 1978 grads:	$259.29 ($6.40)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

TELECOMMUNICATIONS

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2165	Architectural & Engineering Technologists and Technicians				
	Electronic Technician			1	
4143	Electronic Data-Processing Equipment Operators				
	Computer Operator		1		
4153	Shipping and Receiving Clerks				
	Supply Specialist			1	
5130	Supervisors: Sales Occupations, Commodities				
	Manager & Salesperson - Recreational Vehicle Parts		1		
6191	Janitors, Charworkers and Cleaners				
	Janitor		1		
8533	Electrical & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Transmitter Technician	1			
8535	Electronic & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Equipment Technician			1	
8536	Inspecting & Testing Occupations: Fabricating, Assembling, Installing, & Repairing Electrical, Electronic and Related Equipment				
	Tester Trainee		1		
8537	Radio & Television Service Repairers				
	Electronic Technician			1	
	Radio Technician	1			
8735	Wire Communications & Related Equipment Installing & Repairing Occupations				
	Apprentice Central Office Worker			1	
	Central Office Worker		1	2	
	Communications Analyst		1		
	Communications Technician	1	1	1	
	District Line Installer/Repairer	1			
	General Apprentice			1	
	Plant Technician			1	1
	Switchman Apprentice			1	1
	Technical Service Representative		1		
	Telephone Technician			1	
	Electronic Technician				3
	Telecommunication Technician				1
	Automatic Plant Technician				1
	Technician				1
9888	Job Titles Not Provided				
	Communications				1
		4	8	12	9

Course: DOMESTIC ELECTRONICS (RADIO, T.V.) (8537)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Domestic Electronics course prepares individuals for occupations concerned with repairing radio and television receivers, records, phonographs, and related equipment. Activities generally include: disassembling, adjusting and calibrating; soldering and replacing parts, modules and assemblies; using a variety of common and special hand tools and electronic equipment.

Possible Employment Establishments:

- Radio and television sales and service
- Audio communications services
- Appliance manufacturers
- Retail stores - service departments
- Telecommunications
- Music stores
- Hospitals

Survey Data for Years 1976-1979

Number of responses:	53
Number employed:	48
Number unemployed and seeking work:	3
Number not seeking work:	2
Percentage who found jobs in Winnipeg:	83.0
Percentage who found jobs in rural Manitoba:	6.4
Percentage who found jobs outside Manitoba:	10.6
Average weekly (hourly) earnings, 1978 grads:	$201.77 ($5.08)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

DOMESTIC ELECTRONICS (RADIO, T.V.)

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2165	Architectural & Engineering Technologists and Technicians				
	Field Engineer		1		
	Industrial Electronics Technician		1		
3159	Other Occupations in Medicine & Health, n.e.c.				
	Dialysis Technician		1		
4150	Supervisors: Material Recording, Scheduling and Distributing Occupations				
	Traffic Manager				1
4153	Shipping and Receiving Clerks				
	Warehouse Worker - Shipper/Receiver				1
4155	Store Clerks and Related Occupations				
	Airline Storekeeper V			1	
5130	Supervisors: Sales Occupations, Commodities				
	Television Shop Owner & Manager		1		
6115	Guards and Related Security Occupations				
	Security Patrol		1		
7111	General Farmers				
	Farmer	1			
8334	Metal Working - Machine Operators, n.e.c.				
	Steelworker - Labourer				1
8533	Electrical & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Appliance Repairer	1			
	Electrical Maintenance Trainee	1			
	Tool Repairer		1		
8534	Electronic Equipment Fabricating and Assembling Occupations				
	Assembler - Class I	1			
	Telephone Equipment Assembler	1			

DOMESTIC ELECTRONICS (cont'd)

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
8535	Electronic & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Electronic Organ Technician			1	
	Television and Radio Technician		1		
	Service Technician				2
	Stereo and Radio Repairman				1
	Audio Visual Service Worker				1
8537	Radio and Television Service Repairers				
	Audio Technician	1		1	
	Electronic Technician	2		2	2
	Junior Electronic Technician			1	
	Television and Radio Repairer			1	
	Television Technician	3		3	1
8582	Aircraft Mechanics and Repairers				
	Aero Engine Technician				1
8583	Rail Transport Equipment Mechanics and Repairers				
	C.N. Car Worker			1	
8733	Construction Electricians and Repairers				
	Apprentice Electrician	1			
8735	Wire Communications & Related Equipment Installing & Repairing Occupations				
	Equipment Technician			1	
	Plant Technician			1	
	Cable Television Maintenance Technician		1		
8798	Occupations in Labouring and Other Elemental Work, Other Construction Trades				
	Labourer				1
9318	Occupations in Labouring and Other Elemental Work, Material-Handling, n.e.c.				
	Signal Apprentice				1
		12	8	13	13

Course: RADIO OPERATING & ELECTRONIC COMMUNICATIONS (9551)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Radio Operation and Electronic Communications course prepares individuals for occupations concerned with monitoring, controlling and operating radio broadcast equipment. Activities generally include: transmitting messages for morse code, keeping logs of messages received and transmitted, operating direction-finding equipment, maintaining radio and associated equipment. Other duties may include observing and recording weather conditions, and encoding and transmitting weather data.

Possible Employment Establishments:

- Governments
- Oceanography
- Marine shipping
- R.C.M.P. - communications branch
- Weather stations
- Railways
- Airlines and air traffic control

Survey Data for Years 1976-1979

Number of responses:	34
Number employed:	26
Number unemployed and seeking work:	2
Number not seeking work:	5
Percentage who found jobs in Winnipeg:	32.0
Percentage who found jobs in rural Manitoba:	24.0
Percentage who found jobs outside Manitoba:	44.0
Average weekly (hourly) earnings, 1978 grads:	$282.29 ($5.66)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

— RADIO OPERATING AND ELECTRONIC COMMUNICATIONS
— ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES
1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2791	Community College & Vocational School Teachers				
	Facilitator Trainee	1			
5135	Salespersons, Commodities, n.e.c.				
	Parts and Sales Person			1	
5172	Real Estate Sales Occupations				
	Real Estate Sales Agent			1	
6115	Guards and Related Security Occupations				
	Plant Security Officer		1		
8534	Electronic Equipment Fabricating and Assembling Occupations				
	Electronics Assembler			1	
8537	Radio and Television Service Repairers				
	Electronic Technicians				1
	Radio Technician				1
8733	Construction Electricians and Repair Workers				
	Industrial Electrician				1
8735	Wire Communications & Related Equipment Installing & Repairing Occupations				
	Telecommunications Installer			1	
8781	Carpenters and Related Occupations				
	Carpenter			1	
9111	Air Pilots, Navigators and Flight Engineers				
	Commercial Pilot				1
9113	Air Transport Operating Support Occupations				
	Air Radio Operator			1	
	Radio Operator	2		1	
	Flight Service Specialist Trainee				1
	Flight Service Specialist				3
	Flight Specialist				1
9159	Water Transport Operating Occupations, n.e.c.				
	Marine Radio Officer	1	3		
9315	Material-Handling Equipment Operators, n.e.c.				
	Transporter Operator				1
9531	Power Station Operators				
	Technical Operator			1	
9553	Telegraph Operators				
	Telecommunications Operator				1
9559	Electronic & Related Communications Equipment Operating Occupations, n.e.c.				
	Radar Console Operator			1	
		4	4	9	11

Course: COLOR TELEVISION (8537)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Domestic Electronics course prepares individuals for occupations concerned with repairing radio and television receivers, recorders, phonographs and related equipment. Activities generally include: disassembling, adjusting, and calibrating; soldering and replacing parts, modules and assemblies; using a variety of common and special hand tools and electronic equipment.

Upon attainment of a certificate in Domestic Electronics, graduates are eligible to continue in a Color Television certificate course which is two months in duration. The course includes: NTSC Standards for Color Television, controls and adjustments, monochrome circuits, chroma circuits and color sync.

Possible Employment Establishments:

Television manufacturers' service depots
Retail outlet service departments
Electronic wholesale and distributors
Color television service shops

Survey Data for Years 1976-1979

Number of responses	18	
Number employed:	15	
Number unemployed and seeking work:	2	
Number not seeking work:	1	
Percentage who found jobs in Winnipeg:	93.3	
Percentage who found jobs in rural Manitoba:	6.7	
Percentage who found jobs outside Manitoba:	NIL	
Average weekly (hourly) earnings, 1978 grads:	$296.67	($7.36)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

COLOR TELEVISION

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1977	1978
3332	Musicians		
	Musician	1	
4155	Stock Clerks and Related Occupations		
	Airline Storekeeper #5	1	
5130	Supervisors: Sales Occupations, Commodities		
	Assistant Manager - Store		1
8533	Electrical & Related Equipment Installing and Repairing Occupations, n.e.c.		
	Audio Technician	2	
8535	Electronic and Related Equipment Installing and Repairing Occupations, n.e.c.		
	Electronic Organ Technician		1
	Electronics Technician		1
8537	Radio and Television Service Repairers		
	Electronics Technician	3	
	T.V. Technician	1	
8538	Occupations in Labouring and Other Elemental Work: Fabricating, Assembling, Installing and Repairing Electrical, Electronic and Related Equipment		
	Utility Man		1
8583	Rail Transport Equipment Mechanics and Repair		
	Carman Trainee		1
8711	Excavating, Grading and Related Occupations		
	Heavy Equipment Operator		1
8733	Construction Electricians and Repairers		
	Electrician's Apprentice	1	
		9	6

Course: INDUSTRIAL ELECTRONICS (8535)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Industrial Electronics course prepares individuals for occupations concerned with installing and repairing electronic equipment, such as radio and television broadcast transmitters, sound recording and reproduction equipment, radar equipment, and analyzing and computing equipment. Graduates may find employment in several fields such as service and maintenance of control equipment in production plants; laboratory and testing situations involving electronic controls and instrumentation; and any other area of industry where electronic control and devices are used and require maintenance and servicing. Graduates may also find employment in related support occupations such as sales, equipment representatives, parts merchandising and supervisory posts.

Possible Employment Establishments:

X-ray equipment manufacturer and service	Business machines servicing
Radio Stations	Typewriter servicing
Governments	Railways - communication

Survey Data for Years 1976-1979

Number of responses:	39	
Number employed:	36	
Number unemployed and seeking work:	nil	
Number not seeking work:	3	
Percentage who found jobs in Winnipeg:	75.0	
Percentage who found jobs in rural Manitoba:	8.3	
Percentage who found jobs outside Manitoba:	16.7	
Average weekly (hourly) earnings, 1978 grads:	$248.71	($6.21)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

INDUSTRIAL ELECTRONICS
ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES 1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2165	Architectural & Engineering Technologists and Technicians				
	Electronic Technician	1	1		
4131	Bookkeepers and Accounting Clerks				
	Bookkeeper		1		
8530	Foreman/woman: Fabricating, Assembling, Installing & Repairing Occupations, Electrical, Electronic & Related Equipment				
	Electronic Technician II/Section Leader			1	1
8533	Electrical & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Electrical Installer			1	
	Electro-Mechanical Service Technician	1			
	Service Technician		2		
8535	Electronic & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Dictating Machine Service Technician	1			
	X-ray Service Engineer	1			
	Computer Technician				2
	Electronic Technician				8
	PCB Lab Technician				1
	Photocopier Service Technician				1
	Service Technician				1
	X-ray Technician				1
8536	Inspecting & Testing Occupations: Fabricating, Assembling, Installing & Repairing Electrical, Electronic & Related Equipment				
	Electronic Technician			1	
	Lab Technician			1	
8584	Industrial, Farm & Construction Machinery Mechanics & Repairers				
	Technical Representative			1	
8585	Business & Commercial Machine Mechanics and Repairers				
	Business Communications Machines Repairer	1			
8589	Other Mechanics and Repairers				
	Field Service Representative		2		
8735	Wire Communications & Related Equipment Installing & Repairing Occupations				
	Automatic Plant Technician			1	
	General Technician		1		
	Plant Technician			2	
	Telecommunications Technician		1		
9551	Radio & Television Broadcasting Equipment Operators				
	Assistant Chief Engineer	1			
		6	8	8	14

Course: ELECTRICAL TECHNOLOGY (2165)

Course Type: Two-year Diploma

Colleges Where Course Offered: Red River Community College
Assiniboine Community College

Course Description:

The Electrical Technology course prepares individuals for occupations concerned with performing technology functions in various aspects of electrical engineering, primarily in support of research, development and design. Activities of the Electrical Technologist include: assisting with design and drawing equipment installation, distribution layouts and profile drawings for transmission lines, underground stations and other distribution facilities; making sag and tension calculations; making periodic inspections of construction and providing technical advice to contractors; compiling and analyzing data; modifying new electrical equipment to correct functional deviations; providing advice on good lighting practices, etc. Job opportunities exist as draftsmen/women, testers, estimators, research assistants, instrument technicians, developing technicians, planners and installation consultants.

Possible Employment Establishments:

Hydro electric power stations	Consulting engineers
Universities	Contractors
Electrical parts manufacturers	Distributors
Telecommunications offices	Government agencies

Survey Data for Years 1976-1979

Number of responses:	48
Number employed:	43
Number unemployed and seeking work:	1
Number not seeking work:	4
Percentage who found jobs in Winnipeg:	58.1
Percentage who found jobs in rural Manitoba:	9.3
Percentage who found jobs outside Manitoba:	32.6
Average weekly (hourly) earnings, 1978 grads:	$286.14 ($7.04) Red River Only

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

ELECTRICAL TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
2144	Electrical Engineers				
	Electrical Engineering Assistant				1
2163	Draughtsman/woman				
	Electrical Draftsman/woman			1	
	Junior Designer		1		
2165	Architectural & Engineering Technologists and Technicians				
	Control Operator	1			
	Electrical Technician Trainee II	1			
	Electronic Technician		1		
	Engineering Assistant	2	1		1
	Engineering Technician			1	
	Engineering Technologist	1			
	Relay & Meter Engineering Technician	2			
	Research and Designer			1	
	Electrical Technologist	1			
	Service Technician			1	
	Electrical Technician Trainee "F"				1
	Electrical Technician				1
4131	Bookkeepers and Accounting Clerks				
	Information Clerk - Sales Quotations	1			
4191	Collectors				
	Quotations Clerk		1		
5131	Technical Salesperson & Related Advisers				
	Sales Representative		1		
8533	Electrical & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Electrical Apparatus Service Rep.	1			
	Electrical Maintenance Trainee	1			
8535	Electronic & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Apprentice Electrician	1			
8536	Inspecting & Testing Occupations: Fabricating Assembling, Installing, and Repairing Electrical, Electronic & Related Equipment				
	Production Test Engineer				1

ELECTRICAL TECHNOLOGY (cont'd)

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
8539	Fabricating, Assembling, Installing, and Repairing Occupations: Electrical, Electronic, and Related Equipment				
	Technical Representative				1
8731	Electrical Powerline Workers and Related Occupations				
	District Supervisor			1	
	Sales Representative			1	
	Assistant Lineman				1
8733	Construction Electricians & Repairers				
	Electrical Estimator			1	
	Maintenence Electrician			1	
8739	Electrical Power, Lighting & Wire Communication Equipment Erecting, Installing & Repairing Occupations, n.e.c.				
	Apprentice Operator			1	
	Assistant Relay Technician		1		
	Electrical Maintenance Technician Trainee	1	1	2	
	Relay & Metering Technician			1	
	Relay & Metering Technician Trainee			1	
	Relay & Metering Technologist			1	
	Electrical Technician				1
9133	Conductors & Brake Workers, Railway				
	Train Employee		1		
		13	8	14	8

Course: INSTRUMENTATION TECHNOLOGY (8588)

Course Type: Two-year Diploma

Colleges Where Course Offered: Red River Community College
Assiniboine Community College - 1 year Technician Certificate only

Course Description:

The Instrumentation Technology course prepares individuals for occupations concerned with performing technological functions in various aspects of electronic, mechanical and electromechanical engineering. Activities of an instrumentation technologist generally include developing, installing, calibrating, trouble-shooting and repairing instruments and control systems. There are two main areas of employment. Graduates may find employment in designing, manufacturing and selling of engineering, laboratory, scientific and optical instruments for private firms, or in industries such as chemical, petroleum, paper making, electrical, atomic energy and air transport.

Possible Employment Establishments:

Atomic energy plants	Electrical utility plants
Coal mines	Air transport
Pulp and paper plants	Engineering firms

Survey Data for Years 1976-1979

Number of responses:	23	
Number employed:	23	
Number unemployed and seeking work:	NIL	
Number not seeking work:	NIL	
Percentage who found jobs in Winnipeg:	27.3	
Percentage who found jobs in rural Manitoba:	22.7	
Percentage who found jobs outside Manitoba:	50.0	
Average weekly (hourly) earnings, 1978 grads:	$329.25	($8.57)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

INSTRUMENTATION TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
1116	Inspectors & Regulatory Officers, Government				
	Electricity & Gas Technical Inspector			1	
2163	Draughtsman/woman				
	Electrical Draftsman/woman	1			
2165	Architectural & Engineering Technologists and Technicians				
	Electronic Technician		1		
2791	Community College and Vocational School Teacher				
	Educational Assistant				1
5133	Commercial Travellers				
	Engineering Sales			1	
8533	Electrical & Related Equipment Installing and Repairing Occuations, n.e.c.				
	Dialysis Technologist			1	
8584	Industrial, Farm & Construction Machinery Mechanics & Repairers				
	Industrial Millright		1		
8588	Precision Instrument Mechanics & Repairers				
	Instrument Mechanic	1	1	2	2
	Instrument Technologist		1		
	Instrumentation Apprentice			1	
	Instrumentation Technician	1			1
	Instrumentation Mechanic Apprentice				1
	Electronic Technician				1
	Instrumentation Technologist				1
	Instrument Craftsman/woman				1
8735	Wire Communications & Related Equipment Installing and Repairing Occupations				
	Service Technician			1	
		3	4	7	8

Course: ELECTRICAL (CONSTRUCTION/GENERAL) (8733)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College
Assiniboine Community College
Keewatin Community College

Course Description:

The Electrical (Construction/General) course prepares individuals for occupations concerned with performing technical functions in various aspects of electrical engineering, primarily in support of installation, operation, maintenance, production, and quality control. Activities of the electrical technician include: maintaining power-generation and distribution equipment, assembling prototypes or final assemblies of protected relays, metering and indicating devices and other electrical equipment, assembling, installing, testing and calibrating electrical-testing equipment, assisting corrosion engineers, and making recommendations to improve lighting arrangements. Students who successfully complete the program may be granted credit towards an apprenticeship in the electrical construction trade.

Possible Employment Establishments:

- Hydro electric power stations
- Electrical contractors
- Pulp and paper mills
- Mining and smelting companies
- Telecommunications offices
- Railroads
- Elevator companies
- Electrical equipment manufacturers and distributors
- Other private industries

Survey Data for Years 1976-1979

Number of responses:	121
Number employed:	104
Number unemployed and seeking work:	6
Number not seeking work:	11
Percentage who found jobs in Winnipeg:	53.4
Percentage who found jobs in rural Manitoba:	41.8
Percentage who found jobs outside Manitoba:	4.8
Average weekly (hourly) earnings, 1978 grads:	$279.94 ($6.39)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

ELECTRICAL (CONSTRUCTION/GENERAL)
ACTUAL OCCUPATIONS ATTAINED BY
COURSE GRADUATES
1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
3315	Photographers & Camera Operators				
	T.V. Operator				1
4135	Shipping & Receiving Clerks				
	Warehouse Stocktaker				1
4155	Stock Clerks & Related Occupations				
	Warehouse Storeman				1
5130	Supervisors: Sales Occupations, Commodities				
	Paint Manager			1	
5135	Salespersons, Commodities, n.e.c.				
	Electrical Partsperson, Sales	1			
5137	Sales Clerks, Commodities				
	Department Head		1		
6117	Other Ranks, Armed Forces				
	Army Career	1			
6191	Janitors, Charworkers and Cleaners				
	Janitor			1	
	Labourer - Sanitation Department				1
7111	General Farmers				
	Farmer				1
7183	Field Crop & Vegetable-Growing Workers				
	Grain Farmer	1			
7516	Log Inspecting, Grading, Scaling & Related Occupations				
	Sorter Operator			1	
7711	Rotary Well-Drilling & Related Occupations				
	Oil Well Cementer				1
8213	Baking, Confectionary Making & Related Occupations				
	Baker's Helper			1	
8215	Slaughtering & Meat Cutting, Canning, Curing and Packing Occupations				
	Butcher	1			
8238	Occupations in Labouring & Other Elemental Work: Wood Processing, Except Paper Pulp				
	Common Labourer			1	
8533	Electrical & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Apprentice Electrician	2	1	11	1
	Motorman/woman (Winder) Electrical			1	
8535	Electronic & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Installation Technician	1			
8562	Upholsterers				
	Fiber Trimmer			1	

ELECTRICAL (CONSTRUCTION/GENERAL)
(cont'd.)
ACTUAL OCCUPATIONS ATTAINED BY
COURSE GRADUATES
1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
8579	Fabricating, Assembling & Repairing Occupations Rubber, Plastic & Related Products, n.e.c.				
	Fiberglass Technician			1	
8584	Industrial, Farm & Construction Machinery Mechanics and Repairers				
	Diesel Electrician		1		
8588	Precision-Instrument Mechanics & Repairers				
	Instrument Mechanic			1	
8711	Excavating, Grading & Related Occupations				
	Loader Operator			1	
8713	Paving, Surfacing & Related Occupations				
	Paving Machine Operator	1			
8731	Electrical Powerline Workers & Related Occupations				
	Construction Wirer Trainee	2			
	Apprentice Electrician				1
	Electrical Apprentice - 1st Year				1
8733	Construction Electricians & Repairers				
	Apprentice Electrician, Construction	14	10		
	Electrician's Helper			2	1
	Journeyman/woman Electrician			1	
	Trades Helper			1	
	Apprentice Electrician				4
	Apprentice Electrician - 1st Year				1
	Apprentice Electrician - 2nd Year				1
	Industrial Electrician Apprentice				1
	Electrician				2
	Electrician - Construction				2
	Mine Electrician				1
8735	Wire Communications & Related Equipment Installing & Repairing Occupations				
	Apprentice Maintainer, Telephones	1	1		
	Central Office Worker			1	
	Signal Apprentice				1
8736	Inspecting & Testing Occupations: Electrical Power, Lighting & Wire Communications, Equipment Erecting, Installing & Repairing				
	Electrical Technician Trainee			1	
8739	Electrical Power, Lighting & Wire Communication Equipment Erecting, Installing & Repairing Occupations, n.e.c.				
	Apprentice Electrical Maintenance Worker	3	3		
8781	Carpenters & Related Occupations				
	Carpenter's Helper				1
8799	Other Construction Trades Occupations, n.e.c.				
	Elevator Mechanic's Helper		1		
9111	Air Pilots, Navigators & Flight Engineers				
	Bush Pilot				1
9175	Truck Drivers				
	Truck Driver			1	
9531	Power Station Operators				
	Technical Operator Trainee				1
		28	18	28	26

Course: MAJOR APPLIANCE SERVICE TECHNICIAN (8533) *

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Major Appliance Service Technician course prepares individuals for occupations concerned with installing, servicing and repairing major electrical appliances such as stoves, refrigerators, washing machines, dryers and gas appliances. Activities generally include: mounting and connecting equipment to power sources; analyzing faults with test instruments; disassembling and replacing defective parts and internal wiring; and reassembling and testing operation of equipment. Other duties of a major appliance service technician include demonstrating appliance operation and explaining features to customers, and preparing itemized bills for services rendered.

Possible Employment Establishments:

Major appliances manufacturers
Department stores - servicing of major appliances
Independent service companies

Survey Data for Years 1976-1979

Number of responses:	24	
Number employed:	22	
Number unemployed and seeking work:	2	
Number not seeking work:	NIL	
Percentage who found jobs in Winnipeg:	81.8	
Percentage who found jobs in rural Manitoba:	4.6	
Percentage who found jobs outside Manitoba:	13.6	
Average weekly (hourly) earnings, 1978 grads:	$237.57	($5.37)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

200

* Previously called Major Appliance Repair

MAJOR APPLIANCE SERVICE TECHNICIAN

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
4153	Shipping & Receiving Clerks				
	Order Clerk		1		
4155	Stock Clerks & Related Occupations				
	Stock Clerk	1			
4177	Messengers				
	Courier Driver			1	
8533	Electrical & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Appliance Service Technician	3	2	2	
	Apprentice Industrial Electrician		2		
	Appliance Technician				3
	Major Appliance Service Technician				1
8579	Fabricating, Assembling and Repairing Occupations, Rubber, Plastic and Related Products, n.e.c.				
	Labourer				1
8599	Other Product Fabricating, Assembling and Repairing Occupations, n.e.c.				
	Bench Worker				1
8733	Construction Electricians and Repair Workers				
	Air Conditioning Service Man				1
9173	Taxi Drivers and Chauffeurs				
	Driver and Maintenance			1	
9179	Motor Transport Operating Occupations, n.e.c.				
	Taxi Dispatcher			1	
		4	5	5	7

Course: REFRIGERATION AND AIR CONDITIONING (8533)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Refrigeration and Air Conditioning course prepares individuals for occupations concerned with installing and repairing commercial and industrial refrigeration and air conditioning equipment according to drawings and specifications. Activities generally include: mounting and connecting equipment to power sources; analyzing faults with test instruments; disassembling and replacing defective parts and internal wiring; and reassembling and testing operation of equipment. As well as working as refrigeration and air conditioning mechanics, graduates may find employment on maintenance crews of large buildings and transport truck companies.

Possible Employment Establishments:

- Transport truck companies
- Hospitals
- Retail stores - service departments
- Hotels
- Independent service companies
- Refrigeration manufacturers
- Refrigeration and air conditioning contractors
- Electrical, mechanical contractors
- Other private industries

Survey Data for Years 1976-1979

Number of responses:	20
Number employed:	19
Number unemployed and seeking work:	1
Number not seeking work:	NIL
Percentage who found jobs in Winnipeg:	83.3
Percentage who found jobs in rural Manitoba:	11.1
Percentage who found jobs outside Manitoba:	5.6

Average weekly (hourly) earnings, 1978 grads: $233.33 ($5.65)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

REFRIGERATION AND AIR CONDITIONING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
4153	Shipping and Receiving Clerks				
	Receiver			1	
5135	Salespersons, Commodities, n.e.c.				
	Parts Clerk			1	
5137	Sales Clerks, Commodities				
	Sales Clerk	1			
8228	Occupations in Labouring & Other Elemental Work: Food, Beverage & Related Processing				
	Packing House Labourer		1		
8533	Electrical & Related Equipment Installing and Repairing Occupations, n.e.c.				
	Apprentice Refrigeration & Air Conditioning Servicer		1		
	Refrigeration & Air Conditioning Technician			1	
	Refrigeration Mechanic		2	1	1
	Refrigeration Servicer				1
8583	Rail Transport Equipment Mechanics & Repairers				
	Car Worker			1	
8733	Construction Electricians & Repairers				
	Air Conditioning Mechanic		1		
8735	Wire Communications & Related Equipment Installing & Repairing Occupations				
	Assistant Signal Repairer			1	
	Lineman				1
8785	Painters, Paperhangers & Related Occupations				
	Painter/Decorator			1	
8799	Other Construction Trades Occupations, n.e.c.				
	Maintenance Worker			1	
9888	Job Titles Not Provided				
	Assistant Design Analyst			1	
		1	5	9	3

Course: ELECTRICAL DRAFTING (2163)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The course is designed to produce a junior to intermediate level technician capable of working under supervision in an electrical consulting concern. The technician works from written, oral and sketched data to prepare working drawings using acceptable drafting techniques and methods. Graduates are suitable for employment with electrical contractors, that is, suppliers and installers of systems and equipment; and with electrical engineering consultants in the construction field as draftspersons, estimators and technical representatives.

Possible Employment Establishments:

Electrical contracting
Electrical Engineering Consultants

Survey Data for Years 1977-1978

Number of responses:	20
Number employed:	16
Number unemployed and seeking work:	1
Number not seeking work:	3
Percentage who found jobs in Winnipeg:	81.3
Percentage who found jobs in rural Manitoba:	6.2
Percentage who found jobs outside Manitoba:	12.5

Average weekly (hourly) earnings, 1978 grads: $217.00 ($5.39)

Percentage Employed:

		Male	Female
Graduates:	1977	77.8	22.2
	1978	80.0	20.0

ELECTRICAL DRAFTING

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1977	1978
2163	Draughtsman/woman		
	Drafting Technician I	1	
	Draftsman/woman	1	
	Electrical Draftsman/woman	3	2
	Junior Electrical Draftsman/woman	1	
	Technician II	1	
	Draftsman/woman - Metal		1
	Mechanical-Electrical Draftsman/woman		1
	Electronic Draftsman/woman		1
4153	Shipping & Receiving Clerks		
	Shipper-Receiver	1	
4172	Mail Carriers		
	Letter Carrier	1	
8781	Carpenters & Related Occupations		
	Apprentice Carpenter	1	
9310	Foreman/woman: Material-Handling and Related Occupations, n.e.c.		
	Yard Foreman/woman	1	
		11	5

Course: MECHANICAL ENGINEERING TECHNOLOGY (2165)
Course Type: Two-year Diploma
Colleges Where Course Offered: Red River Community College

Course Description:

The graduate's technical knowledge and design background allow him/her to work in the area of fluid power, machine component design, heating and ventilating system design, noise and vibration analysis, and low-cost automation. Graduates are capable of solving problems with computers. Further employment opportunities may be found in the fields of instrumentation, food processing, plastics, and the gas and oil industry.

Possible Employment Establishments:

- Consulting engineering offices
- Plant engineering offices
- Rocket research facilities
- Atomic energy research facilities
- Manufacturing plants

Survey Data for Years 1977-1978

Number of responses:	13
Number employed:	12
Number unemployed and seeking work:	NIL
Number not seeking work:	1
Percentage who found jobs in Winnipeg:	91.7
Percentage who found jobs in rural Manitoba:	NIL
Percentage who found jobs outside Manitoba:	8.3
Average weekly (hourly) earnings, 1978 grads:	$267.50 ($6.89)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

MECHANICAL ENGINEERING TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1977	1978
1173	Organization and Methods Analysts		
	Work Study Analyst		1
1176	Inspectors & Regulatory Officers, Non-Government		
	Loss Prevention Inspector	1	
2160	Supervisors, Other Occupations in Architecture and Engineering		
	Industrial Engineering Supervisor	1	
2165	Architectural & Engineering Technologists and Technicians		
	Manufacturing Planning	1	
	Mechanical Technologist	1	
	Quality Controller		1
	Gas Plant Technologist		1
	Development Technologist		1
8313	Machinist & Machine-Tool Setting-Up Occupations		
	Apprentice Machinist	1	
8530	Foreman/woman: Fabricating, Assembling Installing & Repairing Occupations, Electrical, Electronic & Related Equipment		
	Project Supervisor	1	
8590	Foreman/woman: Product Fabricating, Assembling and Repairing Occupations, n.e.c.		
	Production Supervisor	1	
9533	Stationary Engine & Auxiliary Equipment Operating & Maintaining Occupations		
	Power Engineer	1	
		8	4

Course: POWER ENGINEERS - 1 YEAR (9533)

Course Type: Certificate

Colleges Where Course Offered: Red River Community College

Course Description:

The Power Engineers course prepares individuals for occupations concerned with operating and maintaining various types of stationary engines and auxiliary equipment such as boilers, furnaces, blowers, compressors, pumps, generators and motors used to supply steam, heat, refrigeration, ventilation, air conditioning, light, mechanical or electrical power. Duties include starting equipment, ensuring efficient operation, detecting malfunctions, making minor repairs and maintaining records on equipment performance and serviceability. Successful completion of the course allows graduates to be employed at a fourth class level in a class four level plant. Opportunities for advancement are available after gaining work experience.

Possible Employment Establishments:

Meat processing plants	Government
Universities	Schools
Cold storage plants	Dairies
Laundry & dry cleaning plants	Hydro Stations
Food processing plants	Hospitals
Breweries	Other private businesses or industries

Survey Data for Years 1976-1979

Number of responses:	68	
Number employed:	65	
Number unemployed and seeking work:	2	
Number not seeking work:	1	
Percentage who found jobs in Winnipeg:	73.8	
Percentage who found jobs in rural Manitoba:	24.6	
Percentage who found jobs outside Manitoba:	1.6	
Average weekly (hourly) earnings, 1978 grads:	$305.93	($7.18)

Percentage Employed:

		Male	Female
Graduates:	1977	94.7	5.3
	1978	100.0	0.0

POWER ENGINEERS

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
4153	Shipping and Receiving Clerks				
	Shipper/Receiver/Inventory Control			1	
4179	Reception, Information, Mail & Message Distribution Occupations, n.e.c.				
	Acid Plant Operator		1		
6191	Janitors, Charworkers and Cleaners				
	Custodian			1	
8167	Roasting, Cooking & Drying Occupations Chemicals & Related Materials				
	Autoclave Operator				1
8733	Construction Electricians & Repairers				
	Industrial Electrician			1	
9533	Stationary Engine & Auxiliary Equipment Operating and Maintaining Occupations				
	Assistant Engineer	1			1
	Boiler Operator	1			
	Chief Engineer	1			
	Operating Engineer	1			
	Physical Plant Shift Engineer			1	
	Power Engineer	5	9	12	9
	Power Engineer - 4th Class			1	1
	Power Operating Stationary Engineer	1			
	Shift Engineer	1	1		1
	Steam Engineer				1
9559	Electronic & Related Communications Equipment Operating Occupations, n.e.c.				
	Console Operator			1	
		11	11	18	14

Course: POWER ENGINEERING TECHNOLOGY - 2 YEAR (9533)

Course Type: Two-year Diploma

Colleges Where Course Offered: Red River Community College

Course Description:

The Power Engineering Technology course prepares individuals for occupations concerned with operating and maintaining various types of stationary engines and auxiliary equipment such as boilers, furnaces, blowers, compressors, pumps, generators and motors used to supply steam, heat, refrigeration, ventilation, air conditioning, light, and mechanical or electrical power. Duties include: starting equipment, ensuring efficient operation, detecting malfunctions, making minor repairs, and maintaining records on equipment performance and serviceability. Successful completion of the course allows graduates to be employed at a third class level in a class three level plant. Opportunities for advancement are available after gaining working experience.

Possible Employment Establishments:

- Hydraulic companies
- Hydro electric stations
- Heating contractor
- Steel factories
- Other manufacturing plants
- Food processing plants
- Meat processing plants
- Dairies
- Breweries
- Hospitals

Survey Data for Years 1976-1978

Number of responses:	18
Number employed:	16
Number unemployed and seeking work:	1
Number not seeking work:	1
Percentage who found jobs in Winnipeg:	68.7
Percentage who found jobs in rural Manitoba:	18.8
Percentage who found jobs outside Manitoba:	12.5
Average weekly (hourly) earnings, 1977 grads:	$318.00 ($7.57)

NO DATA FOR SURVEY YEAR 1979.

POWER ENGINEERING TECHNOLOGY

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977
1130	General Managers & Other Senior Officials			
	Assistant Manager		1	
1173	Organization and Methods Analysts			
	Work Study Analyst		1	
2145	Industrial Engineers			
	Methods Engineer		1	
2159	Architects and Engineers, n.e.c.			
	Senior Corrosion Technologist		1	
2165	Architectural and Engineering Technologists and Technicians			
	Estimator		1	
	Industrial and Plant Engineer	1		
	Project Manager	1		
2183	Systems Analysts, Computer Programmers and Related Occupations			
	Numerical Control Programmer		1	
	Systems Designer III		1	
4131	Bookkeepers and Accounting Clerks			
	Cost Estimator	1		
4151	Production Clerks			
	Production Control Clerk	1		
5131	Technical Salespersons & Related Advisers			
	Technical Sales Representative	1		
8590	Foreman/woman: Product Fabricating, Assembling and Repairing Occupations, n.e.c.			
	Quality Superintendent		1	
8796	Inspecting & Testing Occupations, Construction, Except Electrical			
	Construction Inspector		1	
9153	Engineer Officers, Ship			
	Marine Engineering Officer, Navy	1		
9533	Stationary Engine & Auxiliary Equipment Operating and Maintaining Occupations			
	Power Engineer			1
		6	9	1

212

SECTION V

TEACHER EDUCATION DIVISION

		Page
A.	Teacher Education	
	i) Business Teacher Education	204
	ii) Industrial Arts Teacher Education	206
	iii) Vocational Industrial Teacher Education	208

Course: BUSINESS TEACHER EDUCATION (2733)

Course Type: Three-Year Teacher Certification, 2nd year at University of Manitoba

Colleges Where Course Offered: Red River Community College

Course Description:

The three types of Business Teacher Education courses are:

1. the Secretarial-Major course
2. the Accounting-Major course
3. the Marketing-Major course.

Each course has been designed to prepare individuals for occupations concerned with teaching the academics of the major in high school grades. Activities generally include: preparing teaching outlines for courses of study within prescribed educational regulations; instructing students through lessons, discussions, laboratory and shop sessions; assigning lessons and correcting homework papers; preparing, administering and marking tests to evaluate students' progress; recording results of students' tests; maintaining discipline in classrooms and other school areas; participating in staff meetings, educational conferences and teacher-training workshops and performing other duties related to student activities and counselling. Graduates may find employment in the secondary schools and community colleges of Manitoba.

Survey Data for Years 1976-1978

Number of responses:	50
Number employed:	41
Number unemployed and seeking work:	2
Number not seeking work:	7
Percentage who found jobs in Winnipeg:	51.2
Percentage who found jobs in rural Manitoba:	48.8
Percentage who found jobs outside Manitoba:	NIL
Average weekly (hourly) earnings, 1977 grads:	$214.51 ($6.31)

Percentage Employed:

		Male	Female	
Graduates:	1977	17.6	82.4	
	1978	—	—	NO DATA FOR SURVEY YEAR 1979

BUSINESS TEACHER EDUCATION

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORT JOB TITLES	1975	1976	1977
	SECRETARIAL MAJOR			
2733	Secondary School Teachers			
	Teacher, Business Education	8	5	6
	Teacher	1		
4111	Secretaries and Stenographers			
	Branch Secretary			1
4197	General Office Clerk			
	Clerk	9	5	1/8
	ACCOUNTING MAJOR			
2733	Secondary School Teachers			
	Teacher, Business Education	2	1	3
2791	Community College and Vocational School Teachers			
	Instructor, Business Education	1		
4111	Secretaries and Stenographers			
	Stenographer/Typist	1		
4197	General Office Clerks			
	Office Clerk	4	1	1/4
	MARETING MAJOR			
2733	Secondary School Teachers			
	Teacher, Business Education	2	1	2
	High School Teacher			3
4190	Supervisors, Other Clerical & Related Occupations			
	Manager, Reservation Clerk	2	1/2	5
		15	8	17

Course: INDUSTRIAL ARTS TEACHER EDUCATION (2733)

Course Type: Three-year Teacher Certification, 2nd year at University of Manitoba

Colleges Where Course Offered: Red River Community College

Course Description:

The Industrial Arts Teacher Education course prepares individuals for occupations concerned with teaching the basic theory of industrial arts in the junior and senior high school grades. Activities generally include: preparing teaching outlines for courses of study within prescribed educational regulations; instructing students through lessons, discussions, laboratory and shop sessions; assigning lessons and correcting homework papers; preparing, administering and marking tests to evaluate students' progress; maintaining discipline in classrooms and other school areas; participating in staff meetings, educational conferences, and teacher-training workshops and performing other duties related to student activities and counselling. Graduates may find employment in the junior and senior high schools of Manitoba.

Survey Data for Years 1976-1978

Number of responses:	31
Number employed:	28
Number unemployed and seeking work:	NIL
Number not seeking work:	3
Percentage who found jobs in Winnipeg:	35.7
Percentage who found jobs in rural Manitoba:	53.6
Percentage who found jobs outside Manitoba:	10.7
Average weekly (hourly) earnings, 1977 grads:	$233.64 ($6.74)

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	—	—

NO DATA FOR SURVEY YEAR 1979

INDUSTRIAL ARTS TEACHER EDUCATION

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977
1149	Other Managers and Administrators, n.e.c.			
	Manager, General Contractor	1		
2733	Secondary School Teachers			
	Department Head/Instructor		1	
	Industrial Arts Metals Instructor			1
	Teacher	1		4
	Teacher, Industrial Arts	4	4	7
	Teacher, Vocational Graphic Arts		1	
4131	Bookkeepers and Accounting Clerks			
	Timekeeper			1
5130	Supervisors: Sales Occupations, Commodities			
	Office Manager			1
8313	Machinist & Machine-Tool Setting-Up Occupations			
	Maintenance Mechanic	1		
		7	6	14

Course: VOCATIONAL INDUSTRIAL TEACHER EDUCATION (2791)

Course Type: One-Year Teacher Certification *

Colleges Where Course Offered: Red River Community College

Course Description:

The Vocational Industrial Teacher Education course prepares individuals for occupations concerned with teaching the basic theory of their vocational specialty at high school and community college levels. Activities generally include: preparing teaching outlines for courses of study with prescribed educational regulations; instructing students through lessons, discussions, laboratory and shop sessions; preparing, administering and marking tests to evaluate students' progress; attending conferences related to subject specialty; and performing other duties related to student activities. Graduates may find employment in the senior high schools and community colleges of Manitoba.

Survey Data for Years 1976-1979

Number of responses:	17
Number employed:	16
Number unemployed and seeking work:	NIL
Number not seeking work:	NIL
Percentage who found jobs in Winnipeg:	56.2
Percentage who found jobs in rural Manitoba:	37.5
Percentage who found jobs outside Manitoba:	6.3
Average weekly (hourly) earnings, 1978 grads:	***

* Entrance requirements:

A journeyman/woman's certificate in a designated trade or evidence of satisfactory trade training and approved experience in a non-designated trade.

A minimum of three years of approved work experience after journeyman/woman certification or the equivalent experience in a non-designated trade.

Percentage Employed:

		Male	Female
Graduates:	1977	100.0	0.0
	1978	100.0	0.0

*** Too few responses to report information for 1978.

VOCATIONAL INDUSTRIAL TEACHER EDUCATION

ACTUAL OCCUPATIONS ATTAINED BY COURSE GRADUATES

1-YEAR FOLLOWING GRADUATION

CCDO	GRADUATES' REPORTED JOB TITLES	1975	1976	1977	1978
1116	Inspectors & Regulatory Officers, Government				
	General Inspector	1			
1133	Administrators in Teaching and Related Fields				
	Director, Vocational Education	1			
2333	Occupations in Welfare & Community Services				
	Camp Manager			1	
2791	Community College & Vocational School Teachers				
	Dry Cleaning Vocational Teacher			1	
	Instructor, Auto Mechanics		2		
	Instructor, Electrical		1		
	Mechanics Teacher				1
	Teacher				1
	Teacher, Vocational Industrial	3	1		
	Vocational Industrial Autobody Instructor			1	
		5	4	3	2

COURSE INDEX

	PAGE
Advanced Carpentry	132
Advanced Small Motor Repair	112
Advertising Art	79
Agricultural Mechanics	110
Architectural Drafting	136
Barbering	64
Biochemical Technology	114
Biological Technology	116
Building Construction Technician	122
Building Technology	126
Business Accountancy	48
Business Administration	52
Business Skills	32
Business Teacher Education	199
Carpentry and Woodworking	120
Chef Training	68
Chemical Technology	118
Child Care Services	25
Civil Technology	120
Clerical Bookkeeping and Office Machines	45
Clerk Typist	34
Color Television	174
Commercial Art	89
Commercial Baking	72
Commercial Cooking	70
Commercial and Industrial Sales	61
Computer Analyst/Programmer	59
Computer Technology	161
Cosmetology/Hairdressing	66
Creative Communications	76
Dental Assisting - Chairside	15
Dental Assisting - Expanded Duty	17
Design and Drafting Technology	134

COURSE INDEX (cont'd) PAGE

Diesel Mechanics	99
Diploma Nursing	2
Diploma Nursing - Completer Maternity	5
Diploma Nursing - Completer Psychiatric	4
Diploma Nursing - Refresher	8
Domestic Electronics	169
Electrical	183
Electrical Drafting	190
Electrical Technology	178
Electronic Technology	163
Graphic Arts	81
Health Care Aide/Home Helper	27
Heavy Duty Equipment Operator	108
Heavy Duty Mechanics	106
Hotel and Restaurant Administration	57
Industrial Arts Teacher Education	203
Industrial Electronics	176
Instrumentation Technology	181
Library Technician	85
Machine Drafting	157
Machine Shop Practice	155
Major Appliance Service Technician	186
Masonry	145
Meat Cutting	74
Mechanical Systems Drafting	139
Mechanical Engineering Technology	192
Medical Laboratory Technology	19
Medical Radiological Diagnostic Technology	21
Medical Records Technician	38
Mineral Sciences Technology	159
Motor Vehicle Body Repair	93
Motor Vehicle Mechanic	95
Nuclear Medicine Technology	23

COURSE INDEX (cont'd) PAGE

Painting and Decorating	141
Photographic Technician	83
Piping Trades	143
Power Engineers - 1 Year	194
Power Engineers - 2 Year	196
Practical Nursing	10
Practical Nursing - Refresher	12
Radio Operating and Electronic Communications	172
Refrigeration and Air Conditioning	188
Secretarial Science	40
Sheet Metal	153
Social Services	29
Stenography	42
Structural Technology	124
Surveying Technology	128
Telecommunications	167
Truck Driver Training Class 1 AB	102
Truck Driver Training Class 3 AB	104
Upholstery	147
Vocational Industrial Teacher Education	203
Watch Repair	87
Welding	149

CCDO INDEX

CCDO TITLE	(CCCO)	COURSE TITLE	PAGE
Advertising and Illustrating Artists	(3314)	- Advertising Art	79
		- Commercial Art	89
Architectural and Engineering Technologists and Technicians	(2165)	- Building Construction Technician	122
		- Building Technology	126
		- Civil Technology	120
		- Electrical Technology	178
		- Electronic Technology	163
		- Mechanical Engineering Technology	192
		- Structural Technology	124
Baking, Confectionary Making and Related Occupations	(8213)	- Meat Cutting	74
Barbers, Hairderssers and Related Occupations	(6143)	- Barbering	64
		- Cosmetology/Hairdressing	66
Bookkeepers and Accounting Clerks	(4131)	- Business Accountancy	48
		- Clerical Bookkeeping and Office Machines	45
Brick and Stone Masons and Tile Setters	(8782)	- Masonry	145
Carpenters and Related Occupations	(8781)	- Advanced Carpentry	132
		- Carpentry and Woodworking	130
Chefs and Cooks	(6121)	- Chef Training	68
		- Commercial Cooking	70
Commercial Travellers	(5133)	- Commercial and Industrial Sales	61

CCDO INDEX (Cont'd)

CCDO TITLE	(CCDO)	COURSE TITLE	PAGE
Community College and Vocational School Teachers	(2791)	- Vocational Industrial Teacher Education	203
Construction Electrician	(8733)	- Electrical (Construction/ General)	183
Dental Hygienists, Assistants and Technicians	(3157)	- Dental Assisting - Chairside	15
		- Dental Assisting - Expanded Duty	17
Draftsmen/Women	(2163)	- Architectural Drafting	136
		- Design and Drafting Technology	134
		- Electrical Drafting	190
		- Machine Drafting	157
		- Mechanical Systems Drafting	139
Electrical and Related Equipment	(8533)	- Major Appliance Service Technician	186
		- Refrigeration and Air Conditioning	188
Electronic and Related Equipment Installing and Repairing Occupations, n.e.c.	(8535)	- Computer Technology	161
		- Industrial Electronics	176
Excavating, Grading and Related Occupations	(8711)	- Heavy Duty Equipment Operators	108
Industrial, Farm and Construction Machinery Mechanics and Repairers	(8584)	- Agricultural Mechanics	110
		- Diesel Mechanics	99
		- Heavy Duty Mechanics	106
Library and File Clerks	(4161)	- Medical Records Technician	38
Life Sciences Technologists and Technicians	(2135)	- Biological Technology	116

CCDO INDEX (Cont'd)

CCDO TITLE	(CCDO)	COURSE TITLE	PAGE
Machinist and Machine-Tool Setting-Up Occupations	(8323)	- Machine Shop Practice	155
Medical Laboratory Technologists	(8313)	- Medical Laboratory Technology	19
Mining Engineers	(2153)	- Mineral Sciences Technician/ Technology	159
Motor Vehicle Mechanics and Repairers	(8581)	- Motor Vehicle Body Repair	93
		- Motor Vehicle Mechanic	95
Nurses, Graduates, Except Supervisors	(3131)	- Diploma Nursing	2
		- Diploma Nursing - Completer Maternity	5
		- Diploma Nursing - Completer Psychiatric	4
		- Diploma Nursing - Refresher	8
Nursing Assistants	(3134)	- Practical Nursing	10
		- Practical Nursing - Refresher	12
Nursing Attendants	(3135)	- Health Care Aide/Home Helper	27
Occupations in Fine and Commercial Art, Photography and Related Fields, n.e.c.	(3319)	- Graphic Arts	81
Occupations Related to Management	(1179)	- Business Administration	52
Other Mechanics and Repairers	(8589)	- Advanced Small Motor Repair	112
Painters, Paperhangers and Related Occupations	(8785)	- Painting and Decorating	141

CCDO INDEX (Cont'd)

CCDO TITLE	(CCDO)	COURSE TITLE	PAGE
Stationary Engine and Auxilary Equipment Operating and Maintaining Occupations	(9533)	- Power Engineers - 1 Year	194
		- Power Engineering Technology - 2 Year	196
Surveyors	(2161)	- Surveying Technology	128
Systems Analyst, Computer Programmers and Related Occupations	(2183)	- Computer Analyst/Programmer	59
Teachers, Elementary and Kindergarten	(2731)	- Child Care Services	25
Technicians in Library, Museum and Archival Services	(2353)	- Library Technician	85
Truck Drivers	(9175)	- Truck Driver Training Class 1AB	102
		- Truck Driver Training Class 3AB	104
Typists and Clerk Typists	(4113)	- Business Skills	32
		- Clerk Typist	34
Upholsterers	(8562)	- Upholstery	147
Watch and Clock Repairers	(8587)	- Watch Repair	87
Welding and Flame-Cutting	(8335)	- Welding	149
Welfare and Community Services Occupations	(2333)	- Social Services	29
Wire Communications, and Related Equipment Installing and Repairing Occupations	(8735)	- Telecommunications	167
Writers and Editors, Publication	(3351)	- Creative Communications	76

CCDO INDEX (Cont'd)

CCDO TITLE	(CCDO)	COURSE TITLE	PAGE
Photographers and Camera Operators	(3315)	- Photographic Technician	83
Physical Sciences Technologists	(2117)	- Biochemical Technology	114
		- Chemical Technology	118
Pipefitting, Plumbing and Related Occupations, n.e.c.	(8791)	- Piping Trades (Plumbing)	143
Precision-Instrument Mechanics and Repairers	(8588)	- Instrumentation Technology	181
Radio and Television Broadcasting Equipment Operators	(9551)	- Radio Operating and Electronic Communications	172
Radio and Television Service Repairers	(8537)	- Color Television	174
		- Domestic Electronics	169
Radiological Technologists	(3155)	- Medical Radiological Diagnostic Technology	21
		- Nuclear Medicine Technology	23
Secondary School Teachers	(2733)	- Business Teacher Education	199
		- Industrial Arts Teacher	203
Secretaries and Stenographers	(4111)	- Secretarial Science	40
		- Stenography	42
Service Management Occupations	(1142)	- Hotel and Restaurant Administration	57
Sheet-Metal Workers	(8333)	- Sheet Metal	153
Slaughtering and Meat Cutting, Canning, Curing and Packing Occupations	(8215)	- Meat Cutting	74

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